



*Henry Green  
Dept.*

**E. LOUIS SCHUETTE**

P. O. BOX 541  
COLUMBUS, INDIANA 47201

812-372-1126

February 9, 1981



Mr. George Beaty,  
City of Santa Fe Springs  
Department of Planning and Development  
P O Box 2120  
Santa Fe Springs, California 90670

RE: Valvoline Plant  
John & Sorenson  
Case #58 & 648

Dear Mr. Beaty,

It was good to visit by phone with you again last week. The part I didn't like was your telling me that the temperature there was 66 while we were only above zero.

As discussed with you I apologize for our failure to complete the landscaping as we were supposed to have done. I am assured by our engineering people that bids are out to do this and someone should be contacting you soon to work with you on the type plantings etc.

As I told you there was a spill on the premises of oil and the California Department of Water resources are requiring us to provide measures that would prevent this from happening again. A copy of a letter from them was sent to your Public Works Department. I'm having an extra copy sent to you.

Due to this requirement we are proposing a truck loading rack with a well capable of holding 10,364 gallons. I am enclosing 2 prints of it.

You will note that the original proposed conveyor is now being proposed along the railroad siding line. The approved extra tankage is being proposed now as future. This is due to decreased demand for petroleum products. We are proposing to realign the parking in this area as shown. We will need to rely on the same agreement that we made previously in a letter dated January 14, 1980 under Condition #9.

Please advise what steps are necessary for me to pursue to obtain the necessary permits to erect this loading rack.

Thanks for your understanding and patience with us.

*E. Louis Schuette*  
E. Louis Schuette, for  
Ashland Oil D/B/A Valvoline Oil

MEMORANDUM

January 27, 1988

TO: W. D. Fugett  
FROM: M. D. Childs  
SUBJECT: SPCC Plan, Los Angeles Packaging Plant

The following changes should be made to the SPCC Plan for the Los Angeles Packaging Plant:

PART I General Information

#2. Change the designated person accountable for Oil Spill Prevention at Facility to:

Name and Title: M. D. Childs, Operations Manager

#6. In addition change:

Normal Daily Thruput: 2200 bbls. per day

In addition the Plan should be re-certified by a registered Engineer.

PART II. Section I Facility Drainage

A. Drainage from tank farm and plant is controlled as follows:

1. Curbed dike has no drain valve.

This statement should be changed to reflect the fact that the curb dike does have a butterfly valve to affect drainage.

PART III. Oil Spill Contingency Plan

This page should be amended to read "If a spill or leak is spotted, the person would immediately inform the Plant Manager or Foreman in charge. A call would be placed to Lexington, Ky. at (606) 324-1133 to notify them of the spill. L. L. Detjen, J. M. Graddy or D. W. Detjen would also be notified and advised of the situation. If it is determined by communications with Ashland or Lexington, a call would also be placed to the Office of Emergency Services in California at 800-852-7550.

The remainder of the Oil Spill Contingency Plan can remain as written.

  
M. D. Childs

MDC:db  
attach.

**SPILL PREVENTION CONTROL**

**& COUNTERMEASURE PLAN**

**SANTA FE SPRINGS, CA.**

SPILL PREVENTION CONTROL & COUNTERMEASURE PLAN

PART I  
GENERAL INFORMATION

1. Name of Facility Valvoline Oil Company - Packaging Plant & Sales Office
2. Designated Person Accountable for Oil Spill Prevention at Facility:  
Name and Title J. F. L'Amoreaux
3. Location of Facility 9520 John St., Santa Fe Springs, CA (Los Angeles County
4. Name and Address of Owner or Operator:  
Name: Valvoline Oil Company  
A Division of Ashland Oil, Inc.  
Address: Palumbo Drive (P.O. Box 14000)  
City, State, Zip Lexington, Fayette County, Kentucky 40512
5. Date and Year of Initial Facility Operation 1969
6. Maximum Storage: 21,400 bbls., Base Stocks, Additives, Finished Product  
Normal Daily Thruput: 1,100 bbls. per day of the above
7. Description of Facility: (maps, flow diagrams attached)

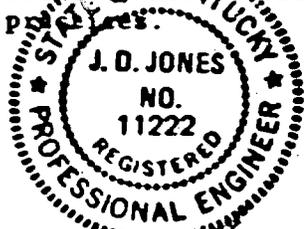
MANAGEMENT APPROVAL

This SPCC Plan will be implemented as herein described.

Signature D. W. Detjen  
Name D. W. Detjen  
Title Vice President

CERTIFICATION

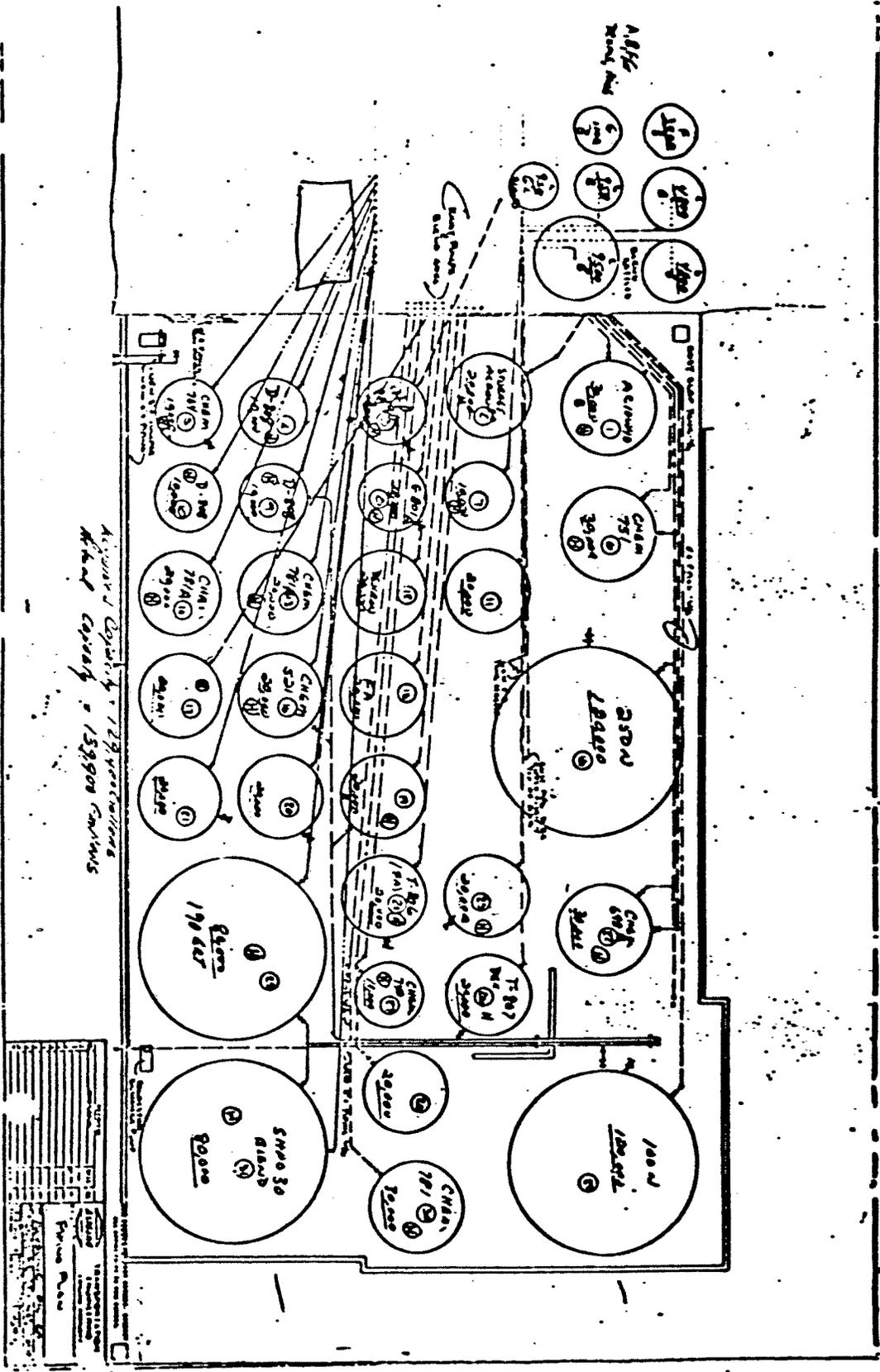
I hereby re-certify that I have examined the facility and being familiar with the provisions of 40 CFR, Part 112, that this SPCC Plan has been prepared in accordance with good engineering practices.



(Seal)

Date: Sept. 9, 1981

James D. Jones  
Printed Name of Registered Professional Engineer  
James D. Jones  
Signature of Registered Professional Engineer  
Registration No. 11222 State Ky.



Approx. Capacity = 150-200 Seating

Item	Quantity	Notes
Tables		
Chairs		
Bar		
Seating		
Other		

**PART I  
GENERAL INFORMATION**

**9. Potential Spills - Prediction & Control:**

<u>Source</u>	<u>Major Type of Failure</u>	<u>Total Quantity (Bbls.)</u>	<u>Rate (Bbls./hr.)</u>	<u>Direction of Flow</u>	<u>Secondary Containment</u>
1. Storage Tanks	Overfill	10 Bbls.	3.33 Bbls./Min	N/A	Dike
2. Tank Truck	Hose failure or overfill	5 Bbls.	2.50 Bbls./Min	N/A	Waste Oil Tk.
3. Tank Car	Hose failure	3 Bbls.	2.50 Bbls./Min	South	Human effort with dirt and sand
4.					
5.					
6.					
7.					

**Discussion:** The probability of a tank car rupture is felt to be remote from the standpoint that if a rupture were going to occur, it would probably happen in transit. However, it is felt that due to the contour of the siding area and the viscous nature of the materials handled, a large spill could be contained on the property.

PART I - GENERAL INFORMATION

10. Containment, Diversionary Structures or Equipment to Prevent Oil from Reaching Navigable Waters is listed.

<u>TYPE OF CONTAINMENT STRUCTURE</u>	<u>VOLUME OF CONTAINMENT</u>
Tank Containment	3,080 Bbls.
Truck Rack	256 Bbls.
Waste Oil Tank (Plant)	11.9 Bbls.

Spill Contingency Plan and Commitment of Man Power Attached Yes  
(Yes or No)

**PART II**  
**DESIGN AND OPERATING INFORMATION**

**I. FACILITY DRAINAGE**

A. Drainage from tank farm and plant is controlled as follows:

1. Curbed dike has no drain valves.
2. Plant drainage system empties in 500 gallon waste oil tank.

B. Drainage from other areas (undiked) is controlled as follows:

1. All areas except tank farms, plant, and tank truck unloading area drain into storm run-off courses.

**II. BULK STORAGE TANKS**

A. All tanks comply with A.P.I. Specifications in design, material and construction and are compatible with the material stored.

B. Buried metallic tanks used for storage of product; a new buried installation shall be protected from corrosion by coatings, cathodic protection or other effective methods compatible with local soil conditions.

C. Partially buried metallic tanks which are to be used for the storage of oil should be avoided. If such installations are necessary, the buried section of the shell must be adequately coated to protect the tank from rapid corrosion of metallic surfaces, especially at the earth/air interface.

D. Above ground tanks shall be visually inspected during routine operations by terminal personnel taking into account tank design. Inspection shall include checking for shell damage and leaks, tank supports and foundations, excessive settlement in tanks, accumulation of oil inside diked areas, etc. Any deficiencies shall be brought to the attention of the Plant Manager as soon as possible. When a tank has been cleaned inside, before being placed back in service, a visual inspection of the bottom shall be made. If evidence of massive corrosion is evident, a system of non-destructive thickness tests shall be made on tank bottom and shell and comparison records attached to this plan.

E. To control leakage through defective internal heating coils, the steam return or exhaust lines from internal heating coils shall be visually monitored for contamination (passed through a settling tank, skimmer or other separation or retention system as appropriate).

#### IV. FACILITY TANK CAR AND TANK TRUCK LOADING/UNLOADING RACK(S)

- A. Tank car and tank truck loading/unloading procedures shall meet the minimum requirements and regulation established by the Department of Transportation.
- B. Rack area for tank truck has drains in area to containment pit under rack. Capacity 10,771 gallons.
- C. Tank car has no drain and spill flows into storm drain system.
- D. Prior to filling and departure of any tank car or tank truck, the lower most drain and all outlets of such vehicle shall be closely examined by driver for leakage and if necessary tightened, adjusted, or replaced to prevent liquid leakage while in transit. All loading arms, hoses, and bonding cables shall be disconnected by loader prior to departure.

#### V. INSPECTIONS AND RECORDS

- A. The required inspections are to follow the written procedures set forth in Part II, Design and Operating Information, of the S.P.C.C. Plan. A record of the inspections signed by the appropriate supervisor or inspector will be made a part of the S.P.C.C. Plan and maintained for a period of three (3) years.

#### VI. SECURITY

- A. The plant is fully fenced and entrance gates are locked when plant is not in operation or unattended.
- B. Areas subject to working hazards and vandalism are adequately illuminated during hours of darkness.

#### VII. PERSONNEL, TRAINING AND SPILL PREVENTION PROCEDURES

- A. A designated person who is accountable for oil and spill prevention should be responsible for properly instructing personnel in the operation and maintenance of equipment to prevent the discharges of oil into navigable waters and to inform them of applicable pollution control laws, rules, and regulations.
- B. The name and title of a designated person who is accountable for oil spill prevention and who reports to line management shall appear on page 1 of 4, Part I, General Information.

OIL SPILL CONTINGENCY PLAN

The Santa Fe Springs plant cannot meet the following requirements:

1. No containment for tank car unloading.

A spill contingency plan has been developed for each of the above items and is listed below:

- I. No Containment for Tank Car Unloading.

The largest single rail car compartment unloaded at the Santa Fe Springs plant is 26,000 gallons. There is no diked area or waste oil tank available to combat a problem with the tank car.

If an oil spill developed, the problem would be combated entirely by manpower, dirt and sand which is located on property near the siding.

The individual responsible for the unloading of that specific car shall check at frequent intervals (five to ten minutes) to see that the hose is connected and there are no other leaks.

If a spill or leak is spotted, the person would immediately inform the Plant Manager or the foreman in charge. A call would be placed to Lexington (606) ~~268-3269~~ <sup>506-324-1133</sup> to notify them of the spill. P. R. Pruitt or D. W. Detjen would also be notified and advised of the situation. If it is determined by communication with Ashland, a call would also be placed to California Spill Control at ~~(415) 556-6254~~. *Office of Emergency Services 800-850-7850.*

- A. Survey situation to assess the extent of spillage or leak.
- B. From his survey, he would determine if dirt and sand are needed to control the spill.
- C. Use enough manpower to contain and clean up spill.

The above mentioned measures for the containment and prevention of spills at the Santa Fe Springs facility will adequately contain any such occurrences.

*J M Kelly*

SECRET

# FX-4: CBI/Trade Secret

TRADE SECRET

FX-4: CBI/Trade Secret

**TRADE SECRET**

**FX-4: CBI/Trade Secret**

**TRADE SECRET**

**MEMORANDUM**

February 29, 1988

**TO:**

**FROM:** John L. Romig

**SUBJECT:** Hazardous Material Business Plan

The Santa Fe Springs location of Valvoline Oil Company has been functioning as a blending and packaging operation for motor oil since 1968.

Base stocks and additives are shipped in by railcar, tanker truck and 55 gallon drums and stored on the property. There exist 14 blending tanks ranging from 950 to 81,172 gallons with a total blending capacity of 238,296 gallons. Twenty four storage tanks exist with a total storage capacity of 694,259 gallons. Tanks range from 10,181 to 120,195 gallons.

This facility packages motor oil in 12-1 quart cases, 5 gallons pails, 16 gallon kegs and 55 gallon drums. Bulk quantities of motor oil are also shipped out of this location.

Through the process of blending and packaging motor oil, waste oil is generated and contained in a 1,000 gallon holding tank. The waste oil is collected weekly by an outside certified hazardous waste transporter. The waste oil is taken to the transporters facility where it is further refined and sold elsewhere.

  
John L. Romig  
Operations Manager

LDS;db

COUNTY OF LOS ANGELES DEPARTMENT OF PUBLIC WORKS

INDUSTRIAL WASTE/HAZARDOUS MATERIALS UNDERGROUND STORAGE  
CLOSURE INSPECTION REPORT

Date 12/19/95

Facility Name Valvoline Oil Co. File No. I- 003128-02359 IH

Site Address 9520 S. John St Permit No. 148943

Contact Person Mike E Meng plant supv. Phone (310) 906-6219

Type Inspection:  Tank(s) & Piping  Sump(s)  
 Tank(s) only  Closure in place  
 Piping only  Other \_\_\_\_\_

Contractor Jacdo, Ekell Excavating Phone (714) 249-2225

Samples by NO SAMPLES Phone ( ) \_\_\_\_\_

Geologist Michelle Thompson, Delta Env. Consult. Staff Geologist Phone (714) 362-3077

Industrial Hygienist DONE Phone ( ) \_\_\_\_\_

Items closed:

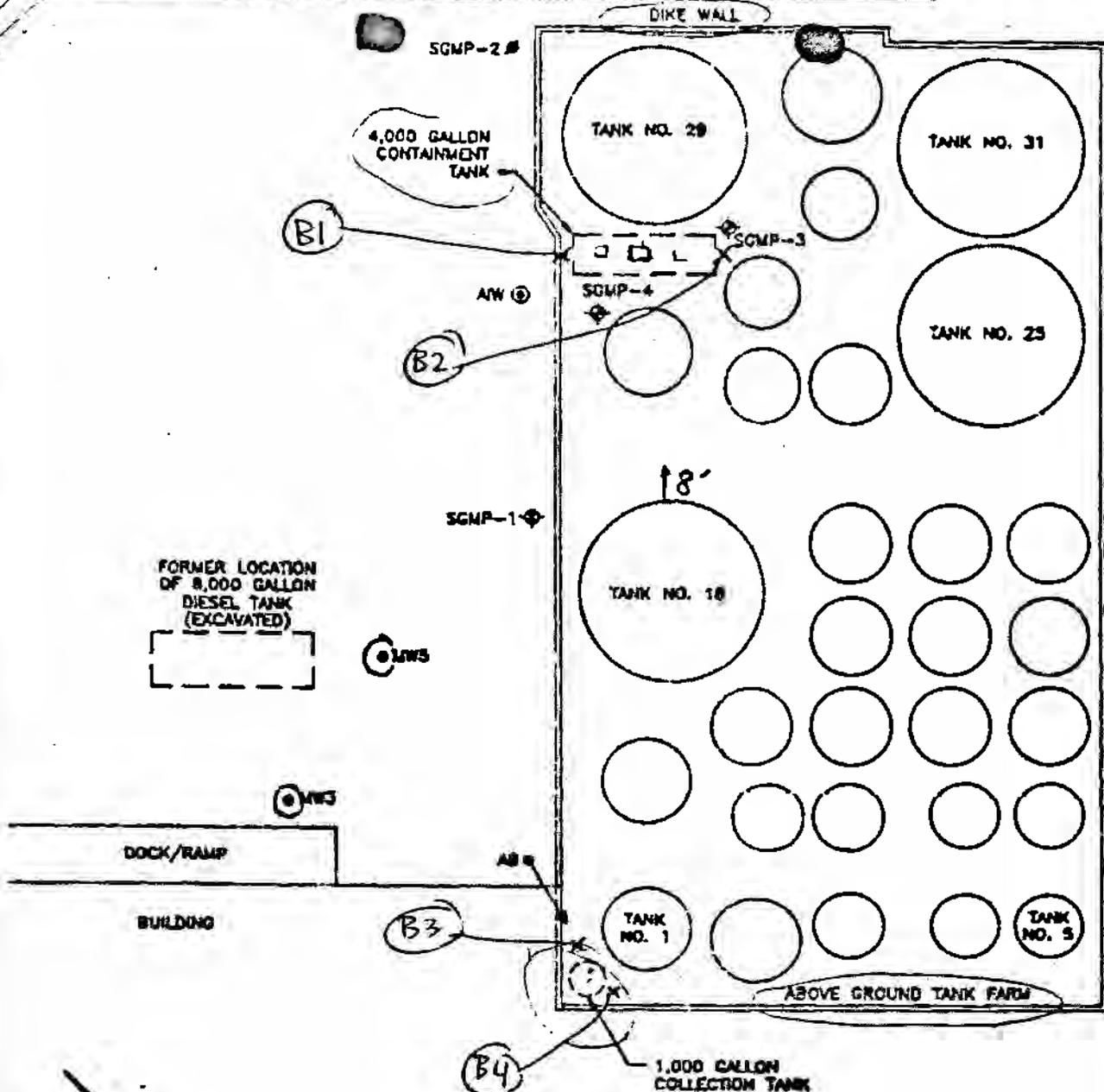
Type (tank/sump)	Contents	Capacity	Proper Sampling		Perm Removal	Perm In-place
			[yes]	[no]		
1. <u>Tank</u>	<u>Lube oil</u>	<u>4,000 gal</u>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
2. <u>Tank</u>	<u>Lube oil</u>	<u>1,000 gal</u>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
3. _____	_____	_____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. _____	_____	_____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Observations:

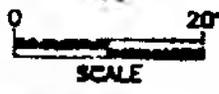
	[yes]	[no]	[NA]
Visual contamination observed	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Sampling of excavated soil required	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Tanks structurally sound	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Tanks remaining on site	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Sampling conducted by DPW	<input type="checkbox"/>	<input checked="" type="checkbox"/>	How many _____ Monitor sys. _____
Notice issued	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Attach Chain-of-Custody _____ Attach copy of Notice _____

Comments: The USTs have been empty since 85-89, prior to that they contained lube oil. I observed the tanks being filled with cement. NO samples were taken. I made Mrs. Thompson aware that 4 samples are required and asked her to call the Glendale office to schedule the sampling.  
 Include a detailed site survey on the reverse of this form.

Inspector Joyce A. Vermin Date 12/19/95



3128-023159-1H



**LEGEND**

- AW ① AIR INJECTION WELL
- SGMP-2 ■ NESTED SOIL GAS MONITORING POINT
- SGMP-3 ◆ SOIL GAS MONITORING POINT - 1'
- SGMP-1 ◆ SOIL GAS MONITORING POINT - 2'
- MWS ② SOIL BORING LOCATION  
*Groundwater Monitoring Well*

**FIGURE 3**  
**AIR INJECTION AND MONITORING POINT LOCATIONS**  
**VALVOLINE OIL**  
**9520 JOHN STREET**  
**SANTA FE SPRINGS, CA.**

PROJECT NO. LO94-032	DRAWN BY K. MARTIN	<b>Delta</b> Environmental Consultants, Inc.
FILE NO. 4-032-02	PREPARED BY J. HUFF	
DATE 10 AUG 85	REV. 0 REVIEWED BY	

3128-28169

L.A. COUNTY DPW

HAZARDOUS MATERIALS SYSTEM

REPORT: HMR050.002

DATE COMPILED: 05/25/93

TANKS INSPECTION JOB ORDER

INSP#: I000150704

RUN DATE: 12/07/95 16:35:39

CLOSURE BY REMOVAL

ASSC#: A000148943

PAGE: 1

FILE #: 003128-023159

NAME: VALVOLINE OIL CO

ADD: 9520 S JOHN ST

SANTA FE SPRINGS, CA 90670

AREA: 1H SMD: 15

XSTREET: LOS NIETOS RD

THOMAS GUIDE: 0000-00 612

CONTACT: NICOLS, BRIAN

TEL: 310 906 6205

PROC: CLOSURE SAMPLE REQUIRED? N SAMPLE #: \_\_\_\_\_

INSP INFO: 12-19-95 10AM 1/1K, 1/4K LUBE OIL CLOSURE IN PLACE  
EXCEL EXCATAVING MARK TEMPLETON 714/249-2225

PERM TYPE: T 1 TANK INTERIM PERMIT # OF TANKS: 2 STATUS: PERMITTED

	FREQUENCY	LAST PERFORMED	NEXT DUE
INSPECTION	12		11/16/96
SAMPLE	00		
SELF-MONITOR	12		11/16/96

ASSGN TO: BELLFLOWER FIELD OFFICE

SECT: FIELD INSPECTION UNIT

TANK #	OWNER TANK ID #	CAPACITY (GAL)	CONTENTS
004	1	1,000	OIL
	CON: SINGLE WALLED		LDS: UNKNOWN
005	2	4,000	OIL
	CON: SINGLE WALLED		LDS: UNKNOWN

RESULTS: Both u/s's were filed in place. No samples were taken; the fair required boring well have still not been installed. They will be scheduled at a later date.

REMARKS: \_\_\_\_\_

INSPECTOR: Jay A. Verano

INSPECTION DATE: 12/19/95

DISP: \_\_\_\_\_

*JB*

*EA*

20159  
3128-3770

MDE  
OTHR



27141 Aliso Creek Road  
Suite 270  
A-30 Vieg. CA 92656  
714/362-3077  
FAX 714/362-3290

November 27, 1995

Los Angeles County Department of Public Works  
900 South Fremont Avenue  
Alhambra, CA

C151409

Subject: **Close in Place**  
Valvoline Oil Company  
9520 South John Street  
Santa Fe Springs, CA  
LADPW File No. I 3240  
Delta Project No. L094-032-1

Dear Sir/Madame

On behalf of Valvoline Oil Company, Delta Environmental is requesting permission to close a 1,000 and 4,000 gallon underground tank in-place with 1 sack cement slurry. Both tanks are inside an aboveground tank farm and cannot be removed without endangering the structural integrity of the aboveground tanks and surrounding buildings.

If you have any questions, please contact me at (714) 362-3077.

Sincerely,  
  
John Huff, PE  
Senior Project Manager



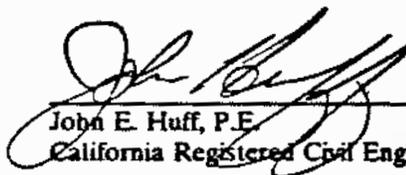
Post It Fax Note	7071	Date	11-30-95	Page	1
To	M. DAVID ESFANDI	From	MARK T.		
	W. M. D.		EXCELL EXCAVATING		
	148943		714 249-2225		
	818-458-3510		714 249-2225		

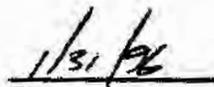
**SUMMARY OF QUARTERLY GROUNDWATER SAMPLING RESULTS  
VALVOLINE OIL FACILITY  
9520 JOHN STREET  
SANTA FE SPRINGS, CALIFORNIA  
DELTA PROJECT NO. L094-032-2**

Enclosed please find the data collected by Delta Environmental Consultants, Inc. (Delta) during semi-annual groundwater sampling activities at the Valvoline Oil Facility, located in Santa Fe Springs, California. The sampling activities included the collection of groundwater samples and static water level measurements. The data evaluation was performed by either a Delta Geologist or Engineer under the supervision of a California Registered Civil Engineer or California Registered Geologist.

If you have any questions or comments concerning this correspondence, please contact the undersigned at (714) 362-3077.

**DELTA ENVIRONMENTAL CONSULTANTS, INC.**

  
\_\_\_\_\_  
John E. Huff, P.E.  
California Registered Civil Engineer No. 36615

  
\_\_\_\_\_  
Date

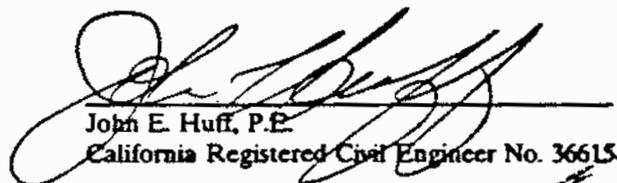


**TANK CLOSURE SUMMARY  
VALVOLINE OIL FACILITY  
9520 JOHN STREET  
SANTA FE SPRINGS, CALIFORNIA  
CLOSURE PERMIT NO. 148943  
LADPW FILE NO. 3128-23159-1H  
DELTA PROJECT NO. L094-832-2**

On December 18 and 19, 1995, Delta Environmental Consultants (Delta) was on site to supervise the closure in place of two on-site underground storage tanks (USTs) (1,000- and 4,000-gallon tanks) at the Valvoline Oil Facility, located at 9520 John Street in Santa Fe Springs, California. The closures in place were conducted following the advancement of seven borings around the two USTs by Delta and the advancement of twelve borings surrounding the USTs by Engineering Science (ES). Figure 1 of the groundwater monitoring report indicate boring and well locations. The analytical results of the soil samples collected from the eighteen borings are on file with Regional Water Quality Control Board and the Los Angeles County Department of Public Works (LADPW).

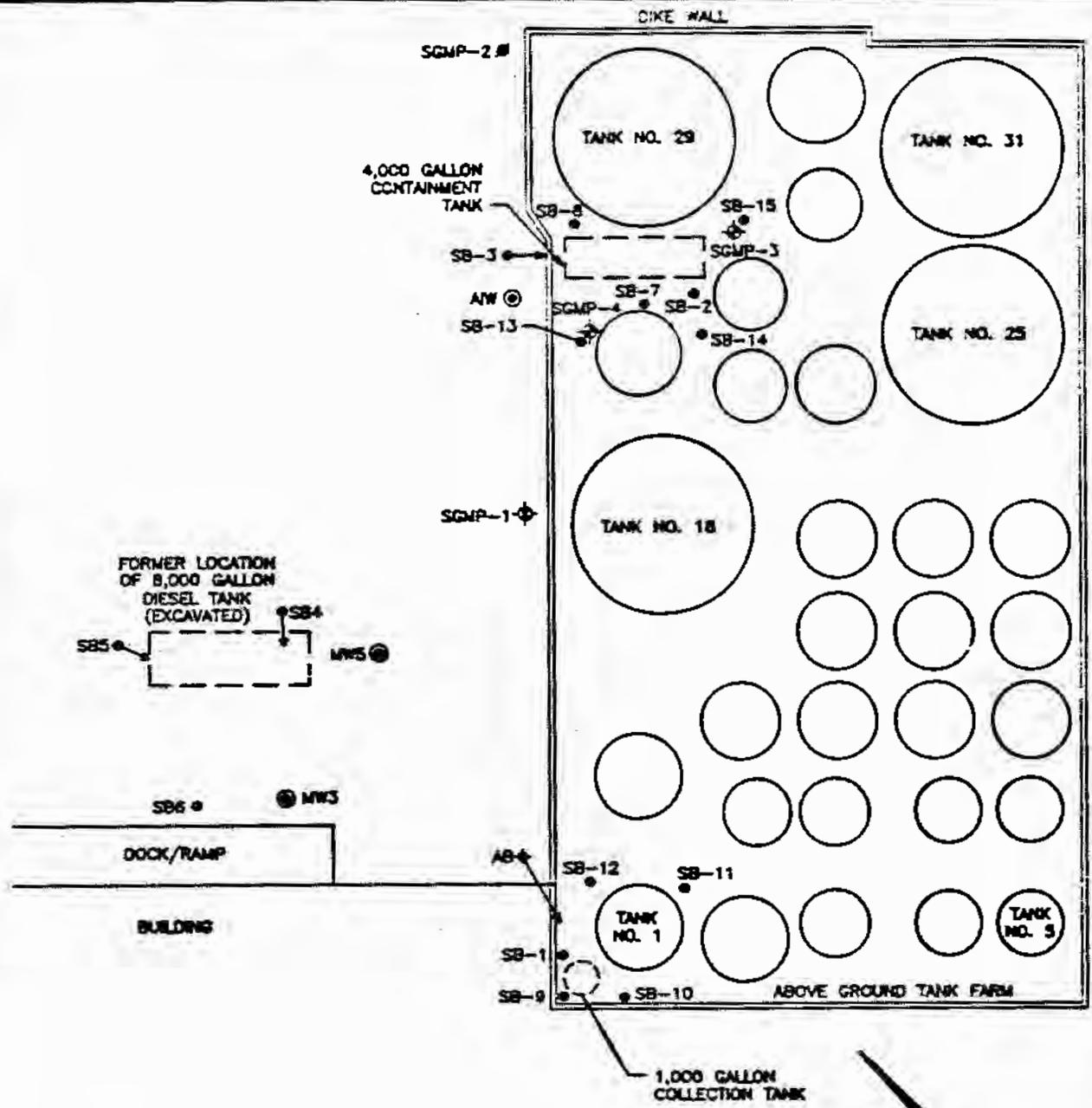
Based on the analytical data from the soil samples collected by Delta and ES, Delta believes the subsurface site assessment activities for this site have been completed. Delta on behalf of Valvoline Oil requests tank closure for this site. If you have any questions regarding this closure summary please contact me at your convenience at (714) 362-3077.

**DELTA ENVIRONMENTAL CONSULTANTS, INC.**

  
John E. Huff, P.E.  
California Registered Civil Engineer No. 36615

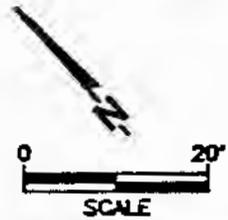
1/31/96  
Date





**LEGEND**

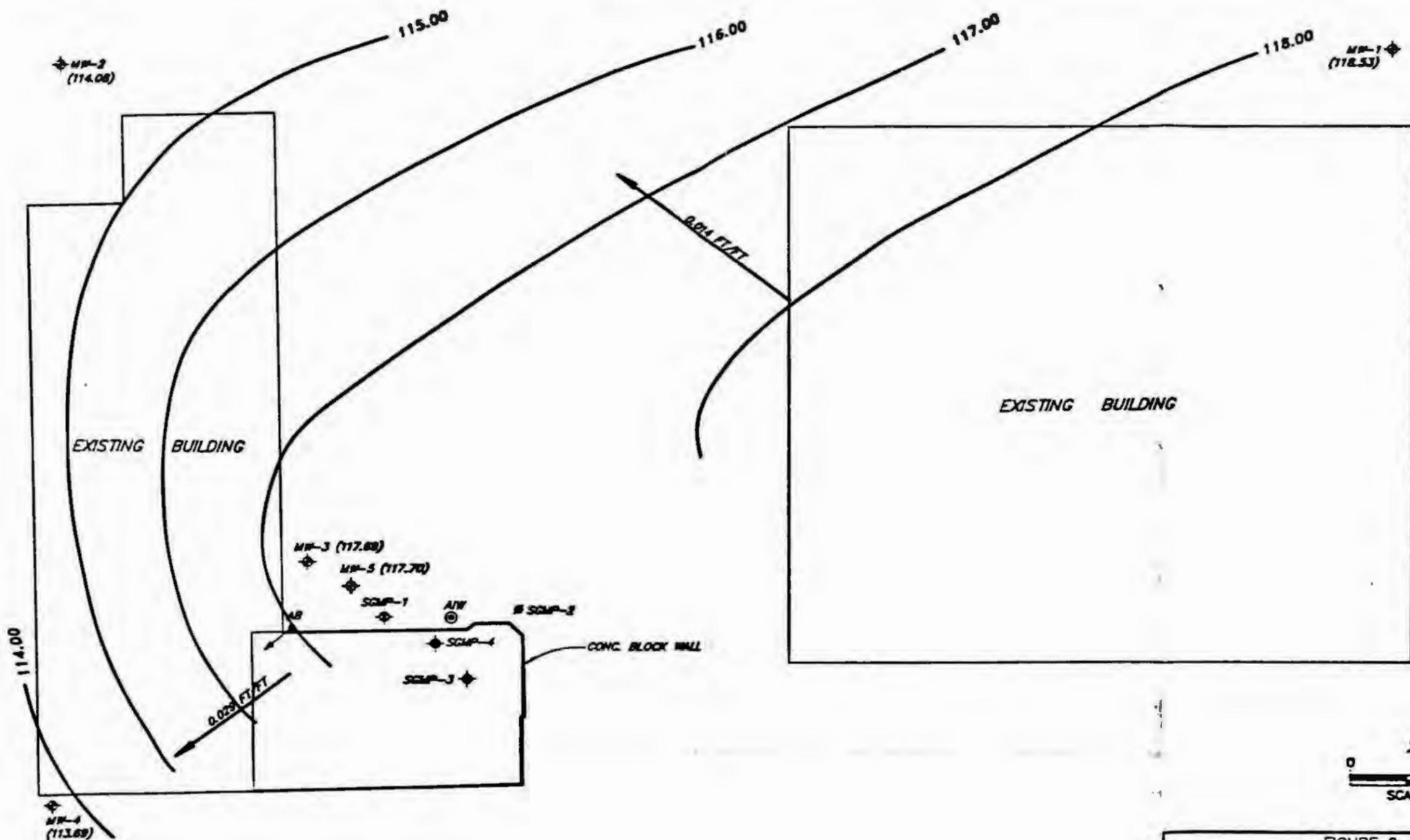
- AW ⊙ AIR INJECTION WELL
- SGMP-2 ⊙ NESTED SOIL GAS MONITORING POINT
- SGMP-3 ⊕ SOIL GAS MONITORING POINT - 1'
- SGMP-1 ⊕ SOIL GAS MONITORING POINT - 2'
- SB-4 ← SLANT BORING (ENGINEERING SCIENCE)
- SB-1 • SOIL BORING (ENGINEERING SCIENCE)
- AB ← ANGLE WELL
- MWS ⊙ GROUNDWATER MONITORING WELL



**FIGURE 1**  
 SITE MAP WITH SOIL BORING AND WELL LOCATIONS  
 VALVOLINE OIL  
 9520 JOHN STREET  
 SANTA FE SPRINGS, CA

PROJECT NO. L094-032	DRAWN BY K. MARTIN
FILE NO. 4-032-19	PREPARED BY J. HUFF
DATE 15 JAN 96	REV. 0
	REVIEWED BY





**LEGEND**

- AW ⊙ AIR INJECTION WELL
- SGMP-2 ■ NESTED SOIL GAS MONITORING POINT
- SGMP-3 ◆ SOIL GAS MONITORING POINT - 1"
- SGMP-1 ◆ SOIL GAS MONITORING POINT - 2"
- AB ↔ ANGLE BORING/WELL
- (117.00) GROUNDWATER ELEVATION RELATIVE TO MEAN SEA LEVEL
- 117.00 — GROUNDWATER ELEVATION CONTOUR (CONTOUR INTERVAL: 1.00 FOOT)
- ↘ 0.029 FT/FT GENERAL DIRECTION OF GROUNDWATER FLOW AND GRADIENT
- MW-2 ◆ GROUNDWATER MONITORING WELL LOCATION

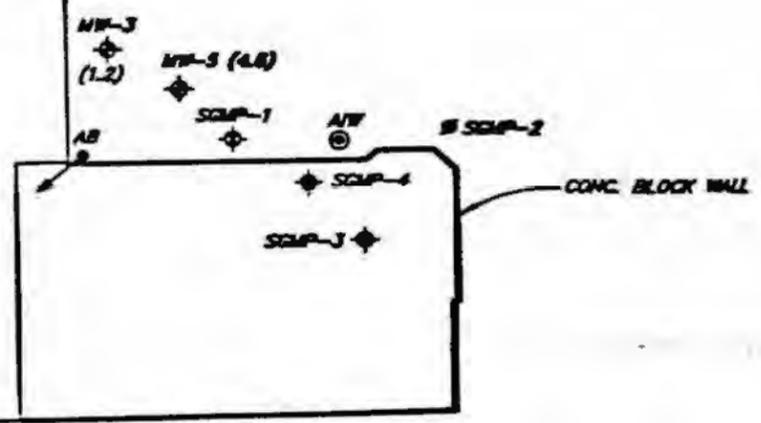
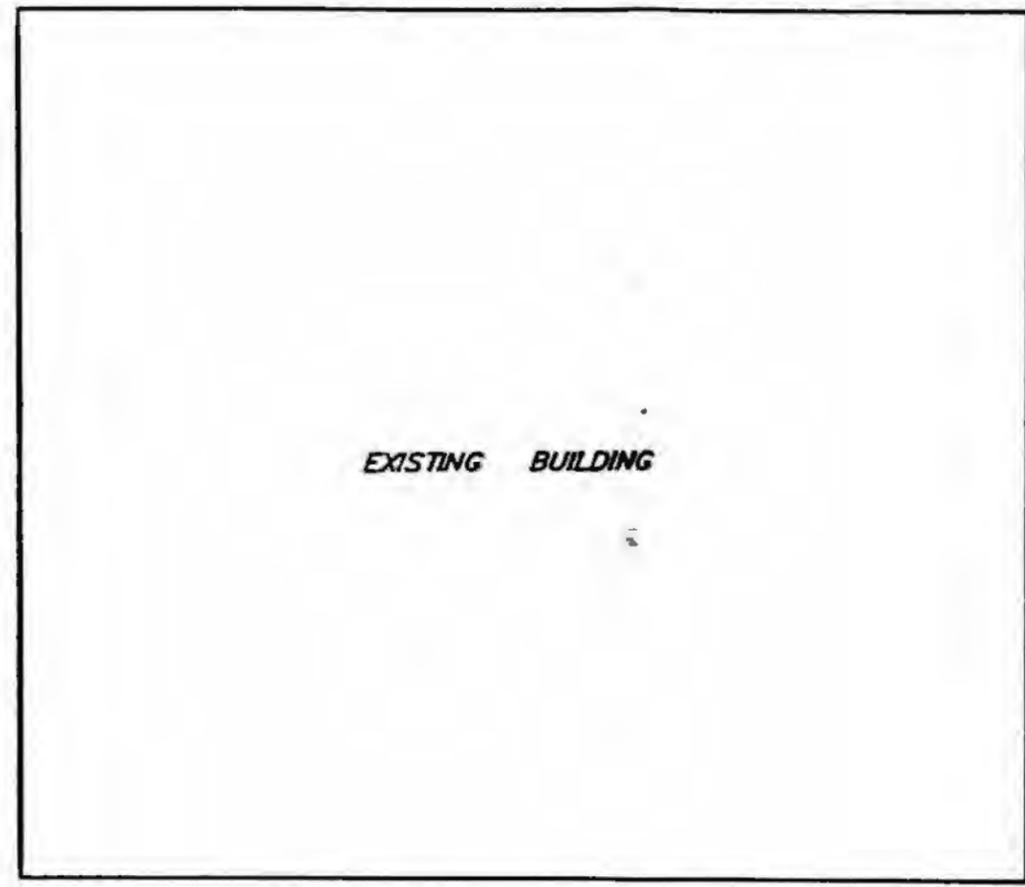
FIGURE 2  
 GROUNDWATER ELEVATION CONTOUR MAP  
 DECEMBER 19, 1995  
 VALVOLINE OIL  
 9520 JOHN STREET  
 SANTA FE SPRINGS, CA

PROJECT NO. LO94-032	DRAWN BY K. MARTIN
FILE NO. 4-032-18	PREPARED BY M. THOMPSON
DATE 23 JAN 96	REV. REVIEWED BY 0



MW-2  
(ND<1.0)

MW-1  
(ND<1.0)



MW-4  
(1.3)

**LEGEND**

- AW AIR INJECTION WELL
- SGMP-2 NESTLED SOIL GAS MONITORING POINT
- SGMP-3 SOIL GAS MONITORING POINT - 1'
- SGMP-1 SOIL GAS MONITORING POINT - 2'
- AB ANGLE BORING/WELL
- (1.2) TOTAL RECOVERABLE PETROLEUM HYDROCARBONS BY EPA METHOD 418.1
- MW-2 GROUNDWATER MONITORING WELL LOCATION
- ND<1.0 NOT DETECTED. DETECTION LIMIT FOLLOWS LESS THAN SYMBOL

NOTE: ALL CONCENTRATIONS REPORTED IN MILLIGRAMS PER LITER (ppm)

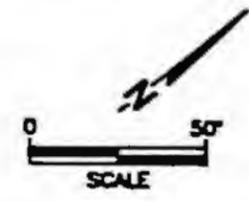


FIGURE 3  
GROUNDWATER ANALYSES MAP  
VALVOLINE OIL  
9520 JOHN STREET  
SANTA FE SPRINGS, CA.

PROJECT NO. L094-032	DRAWN BY K. MARTIN	
FILE NO. 4-032-08	PREPARED BY M. THOMPSON	
DATE 23 JAN 95	REV.   REVIEWED BY 0	

**TABLE 1**  
**Page 1 of 2**  
**HISTORICAL GROUNDWATER MONITORING DATA**  
**VALVOLINE OIL FACILITY**  
**9520 JOHN STREET**  
**SANTA FE SPRINGS, CALIFORNIA**  
**DELTA PROJECT NO. L094-032-2**

WELL NO.	DATE	TOP OF CASING ELEVATION*	DEPTH TO GROUNDWATER	GROUNDWATER ELEVATION
MW-1	05/05/91	(100.09) 146.06	40.46	105.58
	07/09/91		40.92	105.12
	10/10/91		39.76	106.28
	01/10/92		38.98	107.06
	07/07/92		35.98	110.06
	05/20/93		29.70	116.34
	12/02/93		27.78	118.26
	05/24/94		26.54	119.50
	01/9/95 <sup>1</sup>		31.65	114.39
	07/06/95		25.20	120.84
	12/19/95		27.53	118.53
MW-2	05/05/91	(104.02) 149.75	52.47	97.28
	07/09/91		51.90	97.85
	10/10/91		51.82	97.93
	01/10/92		21.09	128.66
	07/07/92		47.97	101.78
	05/20/93		40.46	109.29
	12/02/93		36.95	112.80
	05/24/94		35.24	114.51
	01/9/95		38.23	111.52
	07/06/95		33.63	117.12
	12/19/95		35.67	114.08
MW-3	05/05/91	(102.43) 148.13	43.84	104.29
	07/09/91		43.26	104.87
	10/10/91		43.15	104.98
	01/10/92		42.40	105.73

- NOTES:
- \* = Top of casing relative to assumed benchmark of (100), manhole cover, centerline intersection of John Street and Sorenson Avenue. All wells were resurveyed in June 1995 relative to mean sea level.
  - 1 = Data for MW-1 was not accurate due to a modification to the wellhead.

**TABLE 1**  
**Page 2 of 2**  
**HISTORICAL GROUNDWATER MONITORING DATA**  
**VALVOLINE OIL FACILITY**  
**9520 JOHN STREET**  
**SANTA FE SPRINGS, CALIFORNIA**  
**DELTA PROJECT NO. L094-032-2**

WELL NO.	DATE	TOP OF CASING ELEVATION*	DEPTH TO GROUNDWATER	GROUNDWATER ELEVATION
MW-3	07/07/92	(102.43) 148.13	39.45	108.68
	05/20/93		33.55	114.58
	12/02/93		31.50	116.63
	05/24/94		30.05	118.08
	01/9/95		32.65	115.48
	07/06/95		28.42	119.71
	12/19/95		30.44	117.69
MW-4	05/05/91	(102.48) 148.11	52.77	95.34
	07/09/91		52.40	95.71
	10/10/91		51.74	96.37
	01/10/92		50.98	97.13
	07/07/92		47.81	100.30
	05/20/93		39.76	108.35
	12/02/93		36.17	111.94
	05/24/94		34.34	113.77
	01/9/95		37.16	110.95
	07/06/95		32.75	115.36
	12/19/95		34.42	113.69
MW-5	07/06/95	148.26	28.54	119.72
	12/19/95		30.56	117.70

**NOTES:**

- = Top of casing relative to assumed benchmark of (100), manhole cover, centerline intersection of John Street and Sorenson Avenue. All wells were resurveyed in June 1995 relative to mean sea level.
- 1 = Data for MW-1 was not accurate due to a modification to the wellhead.

**TABLE 2**  
 Page 1 of 3  
**HISTORICAL GROUNDWATER ANALYTICAL RESULTS**  
**VALVOLINE OIL FACILITY**  
**9520 JOHN STREET**  
**SANTA FE SPRINGS, CALIFORNIA**  
**DELTA PROJECT NO. L094-032-2**

WELL NO.	DATE	TPHd (mg/l.)	TRPH (mg/l.)	CONCENTRATIONS IN MICROGRAMS PER LITER (µg/L)						
				TCE	PCE	1,2-DCE	XYLENES	1,1,1-TCA	ETHYL.BENZENE	TCFM
MW-1	05/18/91	NA	ND	NA	NA	NA	NA	NA	NA	NA
	07/09/91	NA	ND	NA	NA	NA	NA	NA	NA	NA
	10/10/91	NA	ND	39	34	ND	ND	ND	ND	ND
	01/10/92	NA	ND	100	66	ND	ND	ND	ND	ND
	07/07/92	NA	ND	15	12	ND	ND	ND	ND	ND
	05/20/93	NA	ND	6	8	ND	ND	ND	ND	ND
	12/02/93	NA	ND	9	10	ND	ND	ND	ND	ND
	05/24/94	NA	ND	21	19	ND	ND	ND	ND	6
	01/10/95	NA	ND	NA	NA	NA	NA	NA	NA	NA
	07/06/95	NA	ND	NA	NA	NA	NA	NA	NA	NA
	12/19/95	NA	ND	NA	NA	NA	NA	NA	NA	NA
MW-2	05/08/91	NA	ND	NA	NA	NA	NA	NA	NA	NA
	07/09/91	NA	ND	NA	NA	NA	NA	NA	NA	NA
	10/10/91	NA	ND	5	10	ND	ND	ND	ND	ND
	01/10/92	NA	ND	ND	9	ND	ND	ND	ND	ND
	07/07/92	NA	ND	ND	9	ND	ND	ND	ND	ND
	05/20/93	NA	ND	ND	13	ND	ND	ND	ND	ND
	12/02/93	NA	ND	98	130	ND	ND	ND	ND	ND
	05/24/94	NA	ND	28	36	ND	ND	ND	ND	ND
	01/10/95	NA	ND	NA	NA	NA	NA	NA	NA	NA

**TABLE 2**  
 Page 2 of 3  
**HISTORICAL GROUNDWATER ANALYTICAL RESULTS**  
**VALVOLINE OIL FACILITY**  
**9520 JOHN STREET**  
**SANTA FE SPRINGS, CALIFORNIA**  
**DELTA PROJECT NO. L094-032-2**

WELL NO.	DATE	TPHd (mg/L)	TRPH (mg/L)	CONCENTRATIONS IN MICROGRAMS PER LITER (µg/L)						
				TCE	PCE	1,2-DCE	XYLENES	1,1,1-TCA	ETHYL BENZENE	TCFM
MW-2	07/06/95	NA	ND	NA	NA	NA	NA	NA	NA	NA
	12/19/95	NA	ND	NA	NA	NA	NA	NA	NA	NA
MW-3	05/08/91	NA	ND	NA	NA	NA	NA	NA	NA	NA
	07/09/91	NA	ND	NA	NA	NA	NA	NA	NA	NA
	10/10/91	NA	1	8	10	45	ND	ND	ND	ND
	01/10/92	NA	ND	10	24	30	ND	6	ND	ND
	07/07/92	NA	ND	11	76	6	ND	ND	ND	ND
	05/20/93	NA	ND	9	120	ND	ND	ND	ND	ND
	12/02/93	NA	ND	68	120	ND	ND	ND	ND	ND
	05/24/94	NA	ND	28	46	ND	ND	ND	ND	ND
	01/10/95	ND	ND	NA	NA	NA	NA	NA	NA	NA
	07/06/95	NA	1.5	ND	ND	ND	ND	ND	ND	ND
	12/19/95	NA	1.2	NA	NA	NA	NA	NA	NA	NA
	MW-4	05/08/91	NA	ND	NA	NA	NA	NA	NA	NA
07/09/91		NA	ND	NA	NA	NA	NA	NA	NA	NA
10/10/91		NA	ND	ND	ND	7	11	ND	ND	ND
01/10/92		NA	ND	ND	ND	7	ND	ND	ND	ND
07/07/92		NA	ND	ND	ND	6	28	ND	11	ND
05/20/93		NA	ND	ND	ND	7	ND	ND	ND	ND
12/02/93		NA	ND	ND	ND	14	ND	ND	ND	ND

**TABLE 2**  
**Page 3 of 3**  
**HISTORICAL GROUNDWATER ANALYTICAL RESULTS**  
**VALVOLINE OIL FACILITY**  
**9520 JOHN STREET**  
**SANTA FE SPRINGS, CALIFORNIA**  
**DELTA PROJECT NO. L094-032-2**

WELL NO.	DATE	TPHd (mg/L)	TRPH (mg/L)	CONCENTRATIONS IN MICROGRAMS PER LITER (µg/L)						
				TCE	PCE	1,2-DCE	XYLENES	1,1,1-TCA	ETHYL BENZENE	TCFM
MW-4	05/24/94	NA	ND	ND	ND	9	ND	ND	ND	ND
	01/10/95	NA	ND	NA	NA	NA	NA	NA	NA	NA
	07/16/95	NA	1.5	ND	ND	ND	ND	ND	ND	ND
	12/19/95	NA	1.3	NA	NA	NA	NA	NA	NA	NA
MW-5	12/19/95	NA	4.6	NA	NA	NA	NA	NA	NA	NA

**NOTES:**

- TPHd = Total petroleum hydrocarbons as diesel by EPA Method 8015 Modified
- mg/L = Milligrams per liter
- TRPH = Total recoverable petroleum hydrocarbons by EPA Method 418.1
- TCE = Trichloroethane
- PCE = Tetrachloroethane
- 1,2-DCE = 1,2-Dichloroethene
- 1,1,1-TCA = 1,1,1-Trichloroethane
- TCFM = Trichlorofluoromethane
- NA = Not analyzed
- ND = Not detected

Laboratory detection limits for 1/10/95 groundwater samples were 1.0 mg/L for TRPH and 0.50 mg/L for TPHd

Groundwater Sample Field Data Sheets



**DELTA ENVIRONMENTAL CONSULTANTS  
SAMPLING INFORMATION SHEET**

**WEATHER CONDITIONS:**

CLOUD COVER: None  
 WIND SPEED: —  
 TEMPERATURE: 70

**PROJECT:**

DATE: 12/19/95  
 CLIENT: Valvoline  
 LOCATION:  
9520 John St  
 DELTA NO: L094-032  
 PROJECT MGR: Jana Huff

**WELL DESCRIPTION:**

CASING DIAMETER: 4"  
 DEPTH TO WATER: 30.44 TIME 9:55 AM  
 WELL DEPTH: < 2.53

**SAMPLING:**

SAMPLING POINT: MW-3  
 SAMPLE ID. NO.: MW-3 TIME: 8:40  
 SAMPLES COLLECTED: 2  
 SAMPLE APPEARANCE: Dirty Brown - no color WL: ~~30.44~~  
30.49

**PURGING METHOD:**

SUBMERSIBLE PUMP     BAILER     OTHER \_\_\_\_\_  
 PUMP INTAKE OR BAILER SET AT \_\_\_\_\_ & BELOW MP.     N/A

$$\frac{(5250)}{(5250)} \cdot \frac{(30.44)}{(30.44)} = \frac{(1.65)}{(1.65)} = \frac{(34)}{(34)} = \frac{57}{57}$$

WELL DEPTH      DIW      ~~DIW~~      PURGE VOL.      PURGE VOLUME

CLEANING DONE IN FIELD: 3 times with

**EVACUATION/STABILIZATION TEST DATA**

TIME	pH (UNITS)	TEMP. CORRECTED CONDUCTANCE (µS/cm)	TEMPERATURE °F	WATER LEVEL (NEAREST .01')	CUMULATIVE VOL OF H <sub>2</sub> O REMOVED FROM WELL (gal)	PUMPING RATE (gpm)
6:35	7.15	203	63		19	
7:00	7.45	205	63.2		38	
7:33	7.05	201	61.9		57	

BAILING START TIME: \_\_\_\_\_ BAILING FINISH TIME: \_\_\_\_\_

COMMENTS: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

TRANSPORTATION (THERMAL PRESERVATION) Lead Chest

FORM COMPLETED BY: [Signature] SAMPLED BY: [Signature]

**DELTA ENVIRONMENTAL CONSULTANTS  
SAMPLING INFORMATION SHEET**

WEATHER CONDITION:

CLOUD COVER: None  
 WIND SPEED: —  
 TEMPERATURE: 70

PROJECT:

DATE	<u>12/19/95</u>
CLIENT:	<u>Valvoline</u>
LOCATION:	<u>9520 John St.</u>
DELTA NO:	<u>L004-032</u>
PROJECT MGR:	<u>John Huff</u>

WELL DESCRIPTION:

CASING DIAMETER: 4"  
 DEPTH TO WATER: 30.56 TIME 9:43 Am  
 WELL DEPTH: 48.40

SAMPLING:

SAMPLING POINT MW-5  
 SAMPLE ID. NO. MW-5 TIME 8:30  
 SAMPLES COLLECTED 1  
 SAMPLE APPEARANCE Dirty - Brown-in-color WL 30.59

PURGING METHOD:

SUBMERSIBLE PUMP     BAILER     OTHER

PUMP INTAKE OR BAILER SET AT \_\_\_\_\_ ft. BELOW MP.     N/A

$$(48.40) - (30.56) = (.65) = \left(\frac{4}{3}\right) = \underline{46}$$

WELL DEPTH      D.T.W      SMP. DE      PURGE VOLS      PURGE VOLUME

CLEANING DONE IN FIELD 3 times Wash

**EVACUATION STABILIZATION TEST DATA**

TIME	pH (UNITS)	TEMP. CORRECTED CONDUCTANCE (µS/cm)	TEMPERATURE °F	WATER LEVEL (NEAREST .01)	CUMULATIVE VOL OF H <sub>2</sub> O REMOVED FROM WELL (gal)	PUMPING RATE (gpm)
5:10	7.23	1.46	66.8		<del>15</del> 15	
5:28	7.28	1.89	65.0		<del>30</del> 30	
5:48	7.03	1.93	64.9		<del>46</del> 46	

BAILING START TIME: \_\_\_\_\_ am/pm      BAILING FINISH TIME: \_\_\_\_\_ am/pm

COMMENTS: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

TRANSPORTATION (THERMAL PRESERVATION) Ice Chest

FORM COMPLETED BY: [Signature]      SAMPLED BY: [Signature]

**DELTA ENVIRONMENTAL CONSULTANTS  
SAMPLING INFORMATION SHEET**

WEATHER CONDITION:

PROJECT:

CLOUD COVER: None  
 WIND SPEED: —  
 TEMPERATURE: 70

DATE: <u>12/19/95</u>
CLIENT: <u>Valencia</u>
LOCATION: <u>9520 John St.</u>
DELTA NO: <u>L094-032</u>
PROJECT MGR: <u>John Huff</u>

WELL DESCRIPTION:

CASING DIAMETER: 4"  
 DEPTH TO WATER: 35.67 TIME: 10:17 A  
 WELL DEPTH: 55.7

SAMPLING:

SAMPLING POINT: MW-2  
 SAMPLE ID. NO.: MW-2 TIME: 8:12  
 SAMPLES COLLECTED: 1  
 SAMPLE APPEARANCE: Clear WL: 35.68

PURGING METHOD:

SUBMERSIBLE PUMP     BAILER     OTHER

PUMP INTAKE OR BAILER SET AT \_\_\_\_\_ ft. BELOW MP.     NA

$$((\underline{55.7}) - (\underline{35.67})) = (\underline{.65}) = (\underline{.4}) = \underline{52}$$

WELL DEPTH      D.I.W      ASIF, ITIF      PURGE VOLS.      PURGE VOLUME

CLEANING DONE IN FIELD: 3 times Wash

EVACUATION/STABILIZATION TEST DATA

TIME	pH (UNITS)	TEMP. CORRECTED CONDUCTANCE ( $\mu S/cm$ )	TEMPERATURE °F	WATER LEVEL (NEAREST .01')	CUMULATIVE VOL OF H <sub>2</sub> O REMOVED FROM WELL (gal)	PUMPING RATE (gpm)
1:40	7.28	2.01	72.8		17	
1:51	7.10	1.94	71.4		<del>34</del> 34	
2:01	7.21	1.96	70.4		52	

BAILING START TIME: 1:20      BAILING FINISH TIME: 2:00

COMMENTS: \_\_\_\_\_

TRANSPORTATION (THERMAL PRESERVATION): Ice Chest

FORM COMPLETED BY: [Signature]      SAMPLED BY: [Signature]

**DELTA ENVIRONMENTAL CONSULTANTS  
SAMPLING INFORMATION SHEET**

WEATHER CONDITION:

PROJECT:

CLOUD COVER: None  
 WIND SPEED:             
 TEMPERATURE: 70

DATE: <u>12/19/95</u>
CLIENT: <u>Valvoline</u>
LOCATION: <u>9520 John St.</u>
DELTA NO: <u>L094-032</u>
PROJECT MGR: <u>John Huff</u>

WELL DESCRIPTION:

CASING DIAMETER: 4"  
 DEPTH TO WATER: 34.42 TIME: 10:27 AM  
 WELL DEPTH: 60.60

SAMPLING:

SAMPLING POINT: MW-4  
 SAMPLE ID. NO.: MW-4 TIME: 12:15  
 SAMPLES COLLECTED: 1  
 SAMPLE APPEARANCE: Clear WL 34.45

PURGING METHOD:

SUBMERSIBLE PUMP     BAILER     OTHER \_\_\_\_\_  
 PUMP INTAKE OR BAILER SET AT \_\_\_\_\_ ft. BELOW MP.     NA

$$\left( \frac{60.60}{1} \right) \cdot \left( \frac{34.42}{1} \right) = (65) \cdot (4) = 68$$

WELL DEPTH      D.T.W      ASH. TIME      PURGE VOLS      PURGE VOLUME

CLEANING DONE IN FIELD: 3 times Wash

**EVACUATION STABILIZATION TEST DATA**

TIME	pH (UNITS)	TEMP. CORRECTED CONDUCTANCE (µS/cm)	TEMPERATURE °F	WATER LEVEL (NEAREST .01)	CUMULATIVE VOL OF H <sub>2</sub> O REMOVED FROM WELL (gal)	PUMPING RATE (gpm)
1:24	6.55	233 × 10 <sup>3</sup>	71.2		22	
11:44	7.10	229	73.1		44	
12:15	7.14	1734	74.0		68	

BAILING START TIME: 10:30 am/pm      BAILING FINISH TIME: 12:15 am/pm

COMMENTS: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

TRANSPORTATION (THERMAL PRESERVATION) Ice Chest

FORM COMPLETED BY: [Signature]      SAMPLED BY: [Signature]

**DELTA ENVIRONMENTAL CONSULTANTS  
SAMPLING INFORMATION SHEET**

WEATHER CONDITION:

PROJECT:

CLOUD COVER: None  
 WIND SPEED: —  
 TEMPERATURE: 70

DATE: 12/19/95  
 CLIENT: Valueline  
 LOCATION: 9520 John St.  
 DELTA NO: L094-032  
 PROJECT MGR: John Huff

WELL DESCRIPTION:

CASING DIAMETER: 4"  
 DEPTH TO WATER: 27.53 TIME: 10:07 A  
 WELL DEPTH: 56.60

SAMPLING:

SAMPLING POINT: Mw-1  
 SAMPLE ID. NO.: Mw-1 TIME: 7:55  
 SAMPLES COLLECTED: 1  
 SAMPLE APPEARANCE: Clear WL: 27.53

PURGING METHOD:

SUBMERSIBLE PUMP     BAILER     OTHER \_\_\_\_\_  
 PUMP INTAKE OR BAILER SET AT \_\_\_\_\_ ft. BELOW MP.     N/A

$$\frac{((56.60) - (27.53)) \cdot (1.65)}{1} = \frac{(4)}{1} = 75$$

WELL DEPTH      D.T.W      ASF, ITF      PURGE VOLS      PURGE VOLUME

CLEANING DONE IN FIELD: 3 times wash

**EVACUATION STABILIZATION TEST DATA**

TIME	pH (UNITS)	TEMP. CORRECTED CONDUCTANCE (µS/cm)	TEMPERATURE °F	WATER LEVEL (NEAREST .01')	CUMULATIVE VOL OF H <sub>2</sub> O REMOVED FROM WELL (gal)	PUMPING RATE (gpm)
2:50	6.98	1.81	72.4		25	
3:15	7.45	1.76	69.5		50	
4:00	7.41	1.78	70.0		75	

BAILING START TIME: 2:30      BAILING FINISH TIME: \_\_\_\_\_

COMMENTS: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

TRANSPORTATION (THERMAL PRESERVATION) iced chest

FORM COMPLETED BY: [Signature]      SAMPLED BY: [Signature]

Laboratory Reports and Chain-of-Custody Documents



# Del Mar Analytical

285... Ave., Irvine, CA 92714 (714) 261-1022 FAX (714) 261-122  
 1014 E. Cooney Dr., Suite A, Costa Mesa, CA 92626 (909) 570-4667 FAX (909) 570-104  
 16525 Sherman Way, Suite C-11, Van Nuys, CA 91406 (818) 779-1844 FAX (818) 779-184  
 2465 W. 12th St., Suite 1, Tempe, AZ 85281 (602) 968-8272 FAX (602) 968-133

Delta Environmental  
 27141 Aliso Creek Rd., Suite 270  
 Aliso Viejo, CA 92656  
 Attention: John Huff

Client Project ID: L094-032  
 Valvoline  
 Analysis Method: EPA 418.1 (I.R. with clean-up)  
 First Sample #: EL03084

Sampled: Dec 19, 1995  
 Received: Dec 20, 1995  
 Extracted: Dec 26, 1995  
 Analyzed: Dec 26, 1995  
 Reported: Dec 26, 1995

## TOTAL RECOVERABLE PETROLEUM HYDROCARBONS (EPA 418.1)

Laboratory Number	Sample Description Water	Petroleum Hydrocarbons mg/L (ppm)
EL03084	MW-1	N.D.
EL03085	MW-2	N.D.
EL03086	MW-3	1.2
EL03087	MW-4	1.3
EL03088	MW-5	4.6

Detection Limit:	1.0
------------------	-----

Analytes reported as N.D. were not present above the stated limit of detection.

DEL MAR ANALYTICAL, IRVINE (ELAP #1197)

  
 Gary Steube  
 Laboratory Director

Results pertain only to samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from Del Mar Analytical.

EL03084.DEL <1 of 2>



2852 Ave., Irvine, CA 92714 (714) 261-1022 FAX (714) 261-1227  
1014 E. Cooney Dr., Suite A, Colton, CA 92324 (909) 370-4667 FAX (909) 370-1044  
16525 Sherman Way, Suite C-11, Van Nuys, CA 91406 (818) 779-1844 FAX (818) 779-1844  
2465 W. 12th St., Suite 1, Tempe, AZ 85281 (602) 968-8272 FAX (602) 968-1534

Delta Environmental  
27141 Aliso Creek Rd., Suite 270  
Aliso Viejo, CA 92656  
Attention: John Huff

**Method Blank**

Extracted: Dec 26, 1995  
Analyzed: Dec 26, 1995  
Reported: Dec 26, 1995  
Matrix: Water

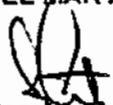
**TOTAL RECOVERABLE PETROLEUM HYDROCARBONS (EPA 418.1)**

Laboratory Description	Petroleum Hydrocarbons mg/L (ppm)
Method Blank	N.D.

**Detection Limit: 1.0**

Analytes reported as N.D. were not present above the stated limit of detection.

**DEL MAR ANALYTICAL, IRVINE (ELAP #1197)**

  
Gary Steube  
Laboratory Director

Results pertain only to samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from Del Mar Analytical.

EL03084 DEL <2 of 2>



**Del Mar Analytical**

2852 ... Irvine, CA 92714 (714) 261-1022 FAX (714) 261-1228  
 1014 E. Cotterly Dr., Suite A, Corona, CA 92524 (909) 570-4667 FAX (909) 570-1044  
 18525 Sherman Way, Suite C-11, Van Nuys, CA 91406 (818) 779-1844 FAX (818) 779-1845  
 2485 W. 12th St., Suite 1, Tempe, AZ 85281 (602) 968-8272 FAX (602) 968-1338

**MS/MSD DATA REPORT**

**EPA METHOD: 418.1**  
**Matrix: Water**

**DATE:** 12/26/95

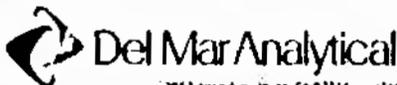
**SAMPLE #:** Blank

Analyte	R1	Sp	MS	MSD	PR1	PR2	RPD	MEAN PR
	ppm	ppm	ppm	ppm	%	%	%	%
Hydrocarbons	0	5.0	4.6	4.5	92%	90%	2.2%	91%

**Definition of Terms:**

- R1**..... Result of Sample Analysis
- Sp**..... Spike Concentration Added to Sample
- MS**..... Matrix Spike Result
- MSD**..... Matrix Spike Duplicate Result
- PR1**..... Percent Recovery of MS;  $((MS-R1) / SP) \times 100$
- PR2**..... Percent Recovery of MSD;  $((MSD-R1) / SP) \times 100$
- RPD**..... Relative Percent Difference;  $((MS-MSD)/(MS+MSD)/2) \times 100$

**Del Mar Analytical**



2652 Ocean Ave. Irvine, CA 92714 (714) 261-1032 FAX (714) 261-1228  
 1814 E. Coastway Dr. Suite A, Carlsbad, CA 92008 (619) 576-4467 FAX (619) 576-1046  
 10025 Sherman Way, Suite C-11, Van Nuys, CA 91408 (818) 770-1044 FAX (818) 770-1043  
 2445 W. 17th St. Suite 1, Tempe, AZ 85281 (602) 968-8377 FAX (602) 968-1330

60109

CHAIN OF CUSTODY FORM

Client Name/Address: Valentine 9520 John Street Santa Fe Springs, CA			Project/PO Number: LO94-032			Analysis Required																
Project Manager/Phone Number: John Huff (714) 362-3077			Sampler: Delta Environmental			TPH EPA 418.1																
Sample Description	Sample Matrix	Container Type	# of Cont	Sampling Date/Time	Preservatives																Special Instructions	
MW-1	water	1 Liter	1	12/19 7:55	HCL/AC		X															
MW-2	water	1 Liter	1	12/19 8:12	HCL/AC		X															
MW-3	water	1 Liter	1	12/19 8:40	HCL/AC		X															
MW-4	water	1 Liter	1	12/19 12:36P	HCL/AC		X															
MW-5	water	1 Liter	1	12/19 8:00P	HCL/AC	X																
Relinquished By: <i>[Signature]</i>			Date /Time: 12/20/95 12:40P			Received by:			Date /Time:			Turnaround Time: (check)										
Relinquished By:			Date /Time:			Received by:			Date /Time:			same day _____ 72 hours _____ 24 hours _____ 5 days <input checked="" type="checkbox"/> 48 hours _____ normal _____										
Relinquished By:			Date /Time:			Received in Lab by: <i>[Signature]</i>			Date /Time: 12-20-95 12:40			Sample Integrity: (Check) intact <input checked="" type="checkbox"/> on ice <input checked="" type="checkbox"/>										

Note: Sample(s) will be disposed of after 30 days



# Del Mar Analytical

2852 Ave. Irvine, CA 92714 (714) 261-1022 FAX (714) 261-1225  
 1014 E. Cooley Dr. Suite A, Corona, CA 92524 (909) 370-4667 FAX (909) 370-1044  
 16525 Sherman Way, Suite C-11, Van Nuys, CA 91406 (818) 779-1844 FAX (818) 779-1845  
 2465 W. 12th St., Suite 1, Tempe, AZ 85281 (602) 968-8272 FAX (602) 968-1538

Delta Environmental  
 27141 Aliso Creek Rd., Suite 270  
 Aliso Viejo, CA 92656  
 Attention: John Huff

Client Project ID: L094-032  
 Valvoline  
 Analysis Method: EPA 3510/CA DHS Mod. 8015  
 First Sample #: EL03089

Sampled: Dec 19, 1995  
 Received: Dec 20, 1995  
 Extracted: Dec 20, 1995  
 Analyzed: Dec 21, 1995  
 Reported: Dec 26, 1995

## EXTRACTABLE FUEL HYDROCARBONS (CA DHS Mod. EPA 8015)

Laboratory Number	Sample Description Water	Extractable Hydrocarbons mg/L (ppm)	Hydrocarbon Type
EL03089	MW-3P	1.9	C9 - C40

**Detection Limit: 0.50**

Extractable Hydrocarbons are quantitated against a diesel fuel standard. Hydrocarbons detected by this method range from C8 to C40.

Analytes reported as N.D. were not present above the stated limit of detection.

DEL MAR ANALYTICAL, IRVINE (ELAP #1197)

  
 Gary Steube  
 Laboratory Director

Results pertain only to samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from Del Mar Analytical.



# Del Mar Analytical

2852 Irvine, CA 92714 (714) 261-1022 FAX (714) 261-1228  
 1014 E. Cooley Dr. Suite A, Colton, CA 92324 (909) 370-4467 FAX (909) 370-1046  
 16525 Sherman Way, Suite C 11, Van Nuys, CA 91406 (818) 779-1844 FAX (818) 779-1845  
 2465 W. 12th St., Suite 1, Tempe, AZ 85281 (602) 968-8272 FAX (602) 968-1534

Delta Environmental  
 27141 Aliso Creek Rd., Suite 270  
 Aliso Viejo, CA 92656  
 Attention: John Huff

## Method Blank

Extracted: Dec 20, 1995  
 Analyzed: Dec 21, 1995  
 Reported: Dec 26, 1995  
 Matrix: Water

### EXTRACTABLE FUEL HYDROCARBONS (CA DHS Mod. EPA 8015)

Laboratory Description	Extractable Hydrocarbons mg/L (ppm)	Hydrocarbon Type
Method Blank	N.D.	N.A.

Detection Limit:

0.50

Extractable Hydrocarbons are quantitated against a diesel fuel standard. Hydrocarbons detected by this method range from C8 to C40.

Analytes reported as N.D. were not present above the stated limit of detection.

DEL MAR ANALYTICAL, IRVINE (ELAP #1197)

Gary Steube  
Laboratory Director



**Del Mar Analytical**

2852 Irvine, CA 92714 (714) 261-1022 FAX (714) 261-1228  
 1014 E. Cooley Dr. Santa Ana, CA 92724 (909) 370-4667 FAX (909) 370-1044  
 16525 Sherman Way, Suite C 11, Van Nuys, CA 91406 (818) 779-1844 FAX (818) 779-1843  
 2465 W. 12th St., Suite 1, Tempe, AZ 85281 (602) 968-6172 FAX (602) 968-1338

**MS/MSD DATA REPORT**

**EPA METHOD:** 8015 by extraction  
**Matrix:** Water

**DATE:** 12/21/95

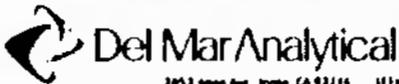
**SAMPLE #:** Blank

Analyte	R1	Sp	MS	MSD	PR1	PR2	RPD	MEAN PR
	ppm	ppm	ppm	ppm	%	%	%	%
Hydrocarbons	0	2.5	2.4	2.4	96%	96%	0.0%	96%

**Definition of Terms:**

- R1..... Result of Sample Analysis
- Sp..... Spike Concentration Added to Sample
- MS..... Matrix Spike Result
- MSD..... Matrix Spike Duplicate Result
- PR1..... Percent Recovery of MS;  $((MS-R1) / SP) \times 100$
- PR2..... Percent Recovery of MSD;  $((MSD-R1) / SP) \times 100$
- RPD..... Relative Percent Difference;  $((MS-MSD)/(MS+MSD)/2) \times 100$

**Del Mar Analytical**



2052 Wood Ave Irvine CA 92714 (714) 261 1022 FAX (714) 261 1220  
 1014 S. Coast Dr. Suite A, Corona, CA 92626 (909) 510 4661 FAX (909) 510 1042  
 14025 Shoreway Way Suite C 11, Van Nuys, CA 91410 (818) 770 1040 FAX (818) 710 1043  
 2405 W. 13th St. Suite 1, Torrance, AZ 85201 (602) 940 0212 FAX (602) 940 1220

60110

CHAIN OF CUSTODY FORM

Client Name/Address: <i>Valvoline</i> <i>9520 John Street</i> <i>Santa Fe Springs, CA</i>			Project/PO Number: <i>2094.032</i>			Analysis Required																							
Project Manager/Phone Number: <i>John Huff (714)</i> <i>362-3077</i>			Sampler: <i>Del Mar Environmental</i>			<i>TPH Modified</i> <i>8015 (Direct)</i>																							
Sample Description	Sample Matrix	Container Type	# of Cont	Sampling Date/Time	Preservatives		Special Instructions																						
<i>MW-3P</i>	<i>Water</i>	<i>1 Liter</i>	<i>1</i>	<i>12/19 9:40 A</i>	<i>Ice</i>		<i>X</i>																						
Relinquished By: <i>[Signature]</i> Date /Time: <i>12/20/95 12:40 P</i>			Received by:			Date /Time:			Turnaround Time: (check)																				
Relinquished By:			Date /Time:			Received by:			Date /Time:			same day _____			72 hours _____			24 hours _____			5 days <i>X</i>			48 hours _____			normal _____		
Relinquished By:			Date /Time:			Received in Lab by: <i>[Signature]</i>			Date /Time: <i>12-20-95 12:40</i>			Sample Integrity: (Check)			INTACT <i>X</i>			OK <i>X</i>											

Note: Sample(s) will be disposed of after 30 days



3128-23159

SK  
OTHR

F. SCOTT MYERS  
Manager, Environmental Affairs  
(606) 357-7884

March 14, 1996

Mr. David Esfandi  
Los Angeles County Department of Public Works  
Waste Management Division  
P.O. Box 1460  
Alhambra, CA 91802-1460

RECEIVED  
MAR 19 1996  
DEPARTMENT OF PUBLIC WORKS  
ENVIRONMENTAL PROGRAMS DIVISION

2158815

RE: Underground Storage Tank Closure  
The Valvoline Company  
9520 John Street  
Santa Fe Springs, CA  
LADPW File No.s I-3240; EP-1 003128-023159  
Closure Permit No. 148943  
Delta Project No. L094-032-1

Dear Mr. Esfandi:

This is in response to your letter dated February 12, 1996, requesting a report documenting the closure in place of two underground storage tanks. The data required in the closure report was presented as an attachment to the quarterly monitoring report submitted to you on January 31, 1996, with the exception of soil sampling, the deposit manifest, and a remedial action plan. A copy of the manifest is attached. No sampling was performed due to the fact that the site has already been completely assessed (see previous assessment reports submitted to the Local Oversight Program of the LADPW). A remedial action plan has already been prepared and submitted to the Regional Water Quality Control Board on August 31, 1995.

As discussed with you and John Huff of Delta Environmental Consultants on February 15, 1996, I am requesting that this case be referred to the Regional Water Quality Control Board.

If you have any questions, please contact me at (606) 357-7884, or John Huff of Delta Environmental at (714) 362-3077.

Sincerely,

  
F. Scott Myers

Attachment

Dania —

Ref. Rungt letter of 4/24/87 to  
Volvoline Co -  
920 John St, SF

full attenuation by 510' of  $\frac{70}{2}$  of TRPH  
and 100' of soil at 30'  $\frac{70}{2}$  seems a tad  
unlikely -

but some natural degradation will occur

~~Since~~ Since it's "TRPH", unless it's  
other stuff too, such as PCE, etc.,  
probably not actionable anyhow as soil  
contamination - per "hands" of TRPH  
decision by the court - -

only ones that can go get TRPH are  
Regional Boards, Fish & Game, Coast Guard, etc,  
but not DFC, or other soils folks -

Steve C

003128-0032



Pete Wilson  
Governor

April 24, 1997

Los Angeles  
Regional Water  
Quality Control  
Board

Mr. Jason Jacob  
Valvoline Oil Company  
P. O. Box 14,000  
Lexington, KY 40512

CERTIFIED MAIL  
RETURN RECEIPT REQUESTED  
CLAIM NO. P 551 847 144

101 Center Plaza Drive  
Monterey Park, CA  
91754-2156  
(213) 266-7500  
FAX (213) 266-7600

**UNDERGROUND STORAGE TANK GROUNDWATER INVESTIGATION  
VALVOLINE OIL COMPANY  
9520 JOHN STREET, SANTA FE SPRING, CA (ID #1-03240)**

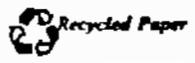
We have reviewed our file including the Preliminary Underground Storage Tank Closure Report dated February 1988 and prepared by Engineering-Science, and the Installation of Groundwater Monitoring and Bioventing Wells, Bioventing Pilot Test Report dated July 25, 1995 and prepared by Delta Environmental Consultants, Inc., for the subject site. Based upon our review of the information contained in the reports, we find that the source of petroleum hydrocarbon contamination had been eliminated at the site in December 1987 (i.e., the 8,000-gallon underground diesel storage tank and the associated piping had been removed). In addition, the Installation of Groundwater Monitoring and Bioventing Wells, Bioventing Pilot Test Report indicated that the extent of the petroleum hydrocarbon contaminated soil has been defined. Laboratory test results of the soil samples indicated that the maximum concentration levels of total recoverable petroleum hydrocarbons (11,000 mg/kg) were detected in boring MW-5 at 30 feet below ground surface (bgs). Soil underneath the site consists mainly of silty sand from ground surface to 30 feet bgs (where groundwater is encountered). It is highly likely that the residual petroleum hydrocarbons will remain in the silty layer for a long period of time without any significant migration to groundwater. In addition, natural attenuation is expected to occur to further reduce the amount of residual petroleum hydrocarbons in the soil. Based on those findings, no further action regarding soil assessment/remediation at the subject site is necessary.

C191969

We have also reviewed the groundwater sampling data from May 1991 to December 1995, for the subject site. Our review and evaluation indicate that there are five groundwater monitoring wells (MW-1, MW-2, MW-3, MW-4, and MW-5) onsite and that they were last sampled on December 19, 1995. There are insufficient groundwater monitoring data to evaluate current groundwater conditions. In order to determine existing groundwater conditions, you are required to conduct a minimum of four rounds of quarterly groundwater sampling of all existing groundwater monitoring wells.

All existing groundwater monitoring wells must be redeveloped and surveyed to a benchmark of known elevation above mean sea level by a licensed land surveyor or registered civil engineer. Prior to collecting samples, free product thickness (if present) must be determined and the depth to water must be measured in all wells to be sampled, then the wells are to be properly purged until the temperature, conductivity, and pH stabilize, and the water is free of suspended and settleable matter, before samples are collected for analysis. Any wells containing free product must be purged to remove any standing product, allowed to equilibrate to prepurged levels and free product thickness measured and reported.

Groundwater samples are to be collected from all groundwater monitoring wells. The samples must be analyzed by EPA method 8015 for TPH (diesel), EPA Methods 8010/8020 or 8240B/8260A for volatile organic compounds, including methyl tertiary butyl ether (MTBE).



*Our mission is to preserve and enhance the quality of California's water resources, and ensure their proper allocation and efficient use for the benefit of present and future generations.*

L 32548

Mr. Jason Jacob  
April 24, 1997  
Page 2

If MTBE is detected, it must be quantified using EPA Method 8240B or 8260A. All analytical data must be reported by a California certified laboratory as shown in the enclosed laboratory report forms.

The groundwater monitoring reports must include the analytical results of groundwater samples, isoconcentration maps for TPH<sub>D</sub> and BTEX based upon groundwater test results, groundwater contour map depicting the hydraulic gradient and direction of groundwater flow across the site, and the current groundwater elevation data. If free product is present in any groundwater monitoring wells, a regular program of free product removal is to be implemented.

The groundwater monitoring reports must be submitted by the fifteenth day following the end of the quarter as shown in the following schedule:

<u>Reporting Period</u>	<u>Report Due Date</u>
January-March	April 15th
April-June	July 15th
July-September	October 15th
October-December	January 15th

The first groundwater monitoring report (for April-June 1997) is due by July 15, 1997. If the results of the first round of groundwater monitoring data indicate that the full extent of groundwater contamination has not been defined, then a workplan to complete additional groundwater investigation is required to be submitted with your quarterly groundwater monitoring report.

Please notify us at least 7 days prior to start of the work so that we can have one of our staff present. If you have any questions concerning this matter, please call Mr. David Koo at (213) 266-7540.

*David A. Bacharowski*

DAVID A. BACHAROWSKI, Unit Chief  
Environmental Specialist IV  
UST - LIAs/VLOP Unit

**Enclosures**

- cc: Mr. Toru Okamoto, State Water Resources Control Board, Underground Storage Tank Cleanup Fund  
Mr. Carl Sjoberg, Industrial Waste Planning & Control, Environmental Programs Division, Los Angeles County Department of Public Works  
Mr. Al Bragg, Water Well Permits/Well Abandonment, Water, Sewage and Subdivision Programs, Los Angeles County Department of Health Services  
Mr. John Huff, Delta Environmental Consultants, Inc.



*Our mission is to preserve and enhance the quality of California's water resources, and ensure their proper allocation and efficient use for the benefit of present and future generations.*

003128-103240 1H

VALVOLINE OIL CO

9520 S JOHN ST

SANTA FE SPRINGS 90670

**OVERFLOW FILE LOCATION**

- LOP - 2nd Floor
- OVERFLOW AREA - 3rd Floor
- IW PRETREATMENT PROGRAM - 3rd Floor
- SECURITY FILES - 3rd Floor
- OTHER:

**OVERFLOW FILE**

LADPW

I-3240-11

COUNTY OF LOS ANGELES

COUNTY ENGINEER  
JAMES T. ROSTRON  
CHIEF DEPUTY

DEPARTMENT OF COUNTY ENGINEER  
PROJECT PLANNING AND POLLUTION CONTROL DIVISION  
108 WEST SECOND STREET  
LOS ANGELES, CALIFORNIA 90012  
(213) 974-7245

C. G. BRISLEY, JR.  
DIVISION ENGINEER  
S. IGUCHI  
ASSISTANT  
DIVISION ENGINEER

CITY OF SANTA FE SPRINGS

June 8, 1976

Mr. Donald M. Nuttall  
Director of Finance  
City of Santa Fe Springs

Dear Mr. Nuttall:

VALVOLINE OIL COMPANY (I-3240-1H)  
9520 JOHN STREET  
SANTA FE SPRINGS, CALIFORNIA 90670

Enclosed is Permit for Industrial Wastewater Discharge No. 4187 which has been prepared in accordance with the requirements of the City Code of the City of Santa Fe Springs for the disposal of wastes from operations at the subject location. We are transmitting this permit to your office for processing and delivery to the permittee. The permittee should be advised that this permit or copies thereof should be kept on the premises for which the permit is issued.

Please advise this office when the permit has been delivered.

Very truly yours,

James T. Rostron  
CHIEF DEPUTY

Original Signed

S. Iguchi  
Assistant Division Engineer

SI:RG-rca 8

Enclosure

cc: Department of Public Works, City of Santa Fe Springs  
L.A. County Sanitation Districts, Attention Mr. Les Rose

Handwritten initials: JTR, RD, CCR

E 00342

EXISTING INDUSTRY PERMIT NO. 4187  
PERMIT FOR INDUSTRIAL WASTEWATER DISCHARGE  
SANITATION DISTRICTS OF LOS ANGELES COUNTY  
2020 Beverly Blvd., Los Angeles, Calif. 90057  
John D. Parkhurst, Chief Engineer and General Manager

Santa Fe Springs Calif.

9 / 17 / 75  
MO. DAY YR.

\*APPLICATION IS HEREBY MADE BY Valvoline Oil Company, Division of Ashland Oil, Inc. A

03 (Mailing Address) 9520 John Street C05 Santa Fe Springs, California 90670 E  
(STREET) (CITY) (STATE) (ZIP)

07 Ashland Oil, Inc. of the property located at:  
(OWNER, TENANT, ETC.)

09 (Street) P. O. Box 391 Ashland, Kentucky (Zip) 41101  
PRINT (ADDRESS OF PROPERTY PRODUCING WASTEWATER DISCHARGE)

\*Assessors Map Book No. 8168 Page No. 030 Parcel No. 009 000 A K  
(LEGAL ADDRESS OF PROPERTY PRODUCING WASTEWATER DISCHARGE)  
9520 John Street, Santa Fe Springs, California  
PRINT (LOCATION OF POINT OF WASTEWATER DISCHARGE TO SEWERAGE SYSTEM)

for a Permit for Industrial Wastewater Discharge to the sewerage system.

13 Type of Industry\* Petroleum, blending & packaging M, 17 2900-2999 2192, 7399 Q  
(GENERAL DESCRIPTION) (FEDERAL SIC NOS.)

19 Number of Employees (Full Time)\* 20 (Part Time)\* None S

21 Raw Materials Used\* refined lube oils and additives, petroleum type U  
(GENERAL DESCRIPTION - ADD ADDITIONAL SHEETS AS NEEDED)

Products Produced automotive and industrial lubricants  
(GENERAL DESCRIPTION - ADD ADDITIONAL SHEETS AS NEEDED)

Wastewater Producing Operations Boiler Discharge  
(FULL DESCRIPTION - ADD ADDITIONAL SHEETS AS NEEDED)

31 Time of Discharge - \* Anytime AM/PM to AM/PM, Days per Week\* M, T, W, Th, (F), Sa, Su Any day  
(WORKING DAY - CROSS OUT AM OR PM) (CIRCLE DAYS)

\* Wastewater Flow Rate\* 4 gals/minute AA (Gallons Per Day) 10 gals.

Constituents of Wastewater Discharge Note attachment.  
(GENERAL DESCRIPTION - ATTACH CHEMICAL ANALYSES RESULTS TO THIS APPLICATION)

Person in company responsible for industrial wastewater discharge:

41 John D. Keiffner Operations Manager (213) 698-8091 BB  
PRINT (NAME) (POSITION) (TELEPHONE NUMBER)

I affirm that all information furnished is true and correct and that the applicant will comply with the conditions stated on the back of this permit form.

Date 9-17, 19 75

Signature for Applicant John D. Keiffner Operations Manager  
(COMPANY ADMINISTRATIVE OFFICIAL) (NAME) (POSITION)

Approved by City or County Official Approved by Sanitation Districts of Los Angeles County

Date 1-8-76 I-3240-14 Date Jan 26, 1976

For Dept. of County Engineers For Dept. of Sanitation Districts

City of Santa Fe Springs by J. D. Rose  
Name (City Engineer) Position Indust. Waste Engr.

Note: A permit fee may be required by the local City or County Agency.  
This form when properly signed shall be a valid permit unless suspended or revoked.

APPLICANT FOR PERMIT MUST READ THIS MATERIAL

I-3240-111  
7.5 gpm

IN CONSIDERATION OF THE GRANTING OF THIS PERMIT, the applicant agrees:

1. To furnish any additional information on industrial wastewater discharges as required by the Sanitation Districts,
2. To accept and abide by all provisions of Ordinances of the Sanitation Districts of Los Angeles County,
3. To operate and maintain any required industrial wastewater treatment devices in a satisfactory approved manner,
4. To cooperate at all times with Sanitation Districts personnel, or their representatives, in the inspection, sampling and study of industrial wastewater facilities and discharges,
5. To notify the Sanitation Districts at 484-1371, Ext. 309, or 775-2353 (Nights) immediately in the event of any accident, negligence or other occurrence that causes the discharge to the sewer of any material whose nature and quantity might be reasonably judged to constitute a hazard to District personnel, wastewater treatment facilities or the environment,
6. To pay to the Sanitation Districts annually the required surcharge fee for industrial wastewater treatment,
7. To submit, as required by the Sanitation Districts, accurate data on industrial wastewater discharge flows and wastewater constituents,
8. To operate only one industrial wastewater discharge point to the sewerage system under the authority granted by this permit,
9. To submit additional pages as required to furnish the necessary information if inadequate room on the reverse side of this permit form is available for complete submittal of requested data,
10. To apply for a revised Districts' industrial wastewater discharge permit if any change in industrial processes or operations creates a significant change in industrial wastewater quality or quantity.

THIS REPORT PROVIDES LISTING OF INSPECTION SUMMARY HISTORY OF TEN REQUESTED COMPANIES WHICH DISCHARGES ARE MONITORED BY THE DISTRICTS. REPORT IS OBTAINED BY SUBMITTING JOB IW1040 THROUGH APPLICATION SYSTEM SCREEN FOR DISCHARGER INSPECTIONS.

REPORT FOR EACH COMPANY IS PRINTED ON NEW PAGE WITH COMPANY NAME, ACCOUNT NUMBER, SITUS ADDRESS, DISTRICT NUMBER, PARCEL NUMBER, AND THOMAS MAP PAGE, FOLLOWED BY DETAIL INFORMATIONS ABOUT THE FIRST INSPECTION THAT WAS RECORDED TO THE LATEST ONE. THEY ARE LISTED BY INSPECTION DATES AND AREAS.

NAME OF INSPECTORS ARE SAVED IN INDUSTRIAL WASTE TABLE FILE. COMPANY NAMES, SITUS ADDRESSES, MAP PAGES ARE SAVED IN INDUSTRIAL WASTE MASTER FILE. THE REST OF INSPECTION INFORMATIONS ARE SAVED IN INSPECTION FILE.

THESE ARE REQUESTED ACCOUNTS:

1483931

1482012

1484743

1485681 - *The Valvoline Company, 9120 John St., SFS*

1825712

1892464

2024395

1874123

1480601

1986371

-----  
 1 COMPANY NAME: VALVOLINE COMPANY, THE  
 2 SITUS ADDRESS: 9520 JOHN ST SANTA FE SPRINGS 90670 BATCH CODE: 8011  
 3 ACCOUNT NO.: 1485681 DISTRICT: 18 PARCEL: 8168009028 MAP PAGE: 0707 MAP AREA: A3  
 4 -----

5  
 6 DATE: 07/25/2005 PERMIT NO: 004187 INSPECTOR: BLASZCAK VISIT: 1  
 7 CONTACT: BRIAN MICHAELS PHONE: 906-6218 SIC: 2992 WATER USE: 0  
 8 NO. EMPLOYEES: 37 DAYS: 4 SHIFTS: 1 TIME: 01:00 FLOW TYPE: I FLOW RATE: 2  
 9 WASTE CODES: KH VIOLATIONS: 000 000 000 000 000 CORRECTIONS: 000 000 000 000 000 MESSAGE: 204 307 000 000 000  
 10 COMMENTS: COMPANY HAD CLEAN-OUT S/BOX FROM OIL. THEY DECIDED TO  
 11 NOT DISCHARGE THE OILY MOP WATER TO THE SEWER. MOP WAT  
 12 ER IS DRAINED TO A 300 GALLON TOTE AND THEN HAULED. WW  
 13 IN S/BOX WAS CLEARISH WITH A PAPER PH OF 7. BOILER BL  
 14 OWDOWN DISCHARGES TO A TRENCH. MAINTENANCE MAN. RALPH  
 15 DIAZ CLAIMS IT IS ROUTED TO S/BOX. CANNOT CONFIRM W/O  
 16 DYE TRACE. COMPANY HAS SALT WATER SOFTENER. USE APPRO  
 17 X 1/ 40LB BAG MONTH. NO C/T. THERE IS S/C AROUND TANK  
 18 FARMS AND MIXING AREAS BUT THERE ARE NO DRAINS TO REQU  
 19 IRE BEING ON S/C PROGRAM. R/W WOULD ACCUMULATE WITHIN  
 20 S/C TANK FARM AND IS EITHER EVAPORATED OR PUMPED. NO P  
 21 ROBLEMS NOTED.  
 22

23  
 24 DATE: 12/14/2004 PERMIT NO: 004187 INSPECTOR: BLASZCAK VISIT: 1  
 25 CONTACT: BRIAN MICHAELS PHONE: 906-6218 SIC: 2992 WATER USE: 0  
 26 NO. EMPLOYEES: 37 DAYS: 4 SHIFTS: 1 TIME: 01:00 FLOW TYPE: I FLOW RATE: 0  
 27 WASTE CODES: KH VIOLATIONS: 052 014 000 000 000 CORRECTIONS: 052 014 000 000 000 MESSAGE: 102 000 000 000 000  
 28 COMMENTS: ENFORCEMENT INSPECTION. DEFICIENT SMR FOR OIL/GREASE T  
 29 AKEN FIRST HALF 2004 HAD NOT BEEN SUBMITTED. CONTACT I  
 30 NDICATED TEST WAS DONE AND SENT OFF. COPIES OF RESULTS  
 31 WERE PICKED UP AND WILL BE GIVEN TO GEORGE BUI, OFFIC  
 32 E ASSISTANT. SAMPLE BOX HAD A THIN LAYER OF GREY OIL O  
 33 N TOP. CONTACT TO SKIN. RECOMMENDED ELBOW BE PLACED IN  
 34 METAL COLLECTION TROUGH AT THE LOADING DOCK. THIS TRO  
 35 UGH IS THE DUMP POINT FOR THE FLOOR SWEEPER WASHDOWN. >  
 36 COMPANY CLAIMS TO BLOWDOWN 60HD BOILER ONCE PER WEEK.  
 37 SOFTENER UNIT IS ESTIMATED IN USING 2 40LB SALT BAGS/  
 38 WEEK. NO C/T. OUTSIDE CONTAINMENT OF THE OIL TANKS.  
 39

40  
 41 DATE: 08/02/2002 PERMIT NO: 004187 INSPECTOR: LEE VISIT: 1  
 42 CONTACT: BRIAN MICHAELS PHONE: 906-6218 SIC: WATER USE: 0  
 43 NO. EMPLOYEES: 37 DAYS: 4 SHIFTS: 1 TIME: 00:30 FLOW TYPE: I FLOW RATE: 0  
 44 WASTE CODES: KH VIOLATIONS: 000 000 000 000 000 CORRECTIONS: 000 000 000 000 000 MESSAGE: 118 000 000 000 000  
 45 COMMENTS: COMPANY RECEIVED LETTER INDICATING THAT OIL AND GREASE  
 46 SAMPLE SUBMITTED FOR LAST SMR WAS OUT OF ACCEPTABLE R  
 47 ANGE. CONTACT INDICATED HE HAD RECEIVED LETTER AND WAS  
 48 WAITING TO RESAMPLE. NO BOTTLING OCCURING DURING INSP  
 49 ECTION. OIL SEPARATOR LOOKS CLEAN. CONTACT STATES THAT  
 50 SYSTEM WAS CLEANED LAST WEEK. WW CLEAR, PAPER PH 7. N  
 51 O PROBLEMS NOTED.  
 52  
 53  
 54  
 55  
 56  
 57  
 58  
 59

1  
2 DATE: 02/25/2002 PERMIT NO: 004187 INSPECTOR: LEE VISIT: 1  
3 CONTACT: BRIAN MICHAELS PHONE: 906-6218 SIC: WATER USE: C  
4 NO. EMPLOYEES: 37 DAYS: 4 SHIFTS: 1 TIME: 01:30 FLOW TYPE: I FLOW RATE: 0  
5 WASTE CODES: KH VIOLATIONS: 000 000 000 000 000 000 CORRECTIONS: 000 000 000 000 000 000 MESSAGE: 203 103 000 000 000  
6 COMMENTS:

7 COMPANY FORMULATES AND BLENDS VARIOUS MOTOR OILS AND F  
8 LUIDS. FLUIDS ARE THEN PACKAGED AND SHIPPED. LARGE S/C  
9 TANK FARM OUTSIDE USED FOR RAW MATERIALS. NO SEWER AC  
10 CESS IN THIS AREA. CONTACT STATES ALL RW COLLECTED IS  
11 PUMPED TO STREET. FLUIDS ARE MIXED IN LARGE TANKS. CON  
12 TACT STATES TANKS ARE NEVER H2O WASHED. FLUIDS ARE THE  
13 N BOTTLED IN 1 OF 2 BOTTLING LINES. WW FROM FLOOR MOPP  
14 ING, BOILER BLOWDOWN AND SOFT H2O REGEN. MOP H2O >>>  
15 SENT THRU A SCREEN FILTER TRAY TO A SBX LOCATED NEXT T  
16 O TRUCK LOADING DOCK. THIN OIL SHEEN ON SURFACE OF H2O  
17 IN SBX. WW CLEAR, PH 7. COMPANY SENT IN SMR FOR 7-127  
18 01 LATE DUE TO SOME SAMPLING PROBLEMS. CONTACT SHOWED  
19 COPY OF COMPLETED FORM THAT WAS SENT IN LAST WEEK. NO  
20 OTHER PROBLEMS NOTED.

21 DATE: 11/26/2001 PERMIT NO: 004187 INSPECTOR: TRAN VISIT: 1  
22 CONTACT: LOLA PHONE: 906-6218 SIC: WATER USE: 0  
23 NO. EMPLOYEES: 0 DAYS: SHIFTS: 2 TIME: 00:30 FLOW TYPE: I FLOW RATE: 0  
24 WASTE CODES: KH VIOLATIONS: 000 000 000 000 000 000 CORRECTIONS: 000 000 000 000 000 000 MESSAGE: 000 000 000 000 000  
25 COMMENTS:

26 ANNUAL INSPECTION. PERSONS IN CHARGES, BRIAN NICHOLS A  
27 NO PLANT MANAGER, ARE NOT HERE. MAKE AN OPPOINTMENT WI  
28 TH RECEPTIONIST, LOLA, TO COME BACK.

29 DATE: 10/20/1999 PERMIT NO: 004187 INSPECTOR: HOEKSTRA VISIT: 1  
30 CONTACT: BRIAN NICHOLS PHONE: 906-6218 SIC: WATER USE: C  
31 NO. EMPLOYEES: 0 DAYS: SHIFTS: 2 TIME: 01:00 FLOW TYPE: I FLOW RATE: 1  
32 WASTE CODES: KH VIOLATIONS: 000 000 000 000 000 000 CORRECTIONS: 000 000 000 000 000 000 MESSAGE: 101 116 000 000 000  
33 COMMENTS:

34 INVESTIGATION OIL WASTE INTO JWPCP ON 10/05 EVENING.  
35 THIS FACILITY BLENDS AND PACKAGES MOTOR OILS. WW FROM  
36 BOILER BLOWDOWN AND MOP-WATER ONLY. SAMPLE BOX HAS  
37 SOME FLOATING BLACK OIL, NO CLARIFIER, SAY CLEANED THE  
38 SAMPLE BOX LAST WEEK. NO POSSIBILITY THAT SPILL WOULD  
39 REACH OUTFALL. LOADING RACK HAS SUMP TO CATCH SPILLAGE  
40 THAT IS HAULED OFFSITE. TRUCK EXTERIORS WASHED WEEKLY  
41 AND THAT WW IMPOUNDED FOR OFFSITE DISPOSAL CONTACT ...  
42 SAYS, DO WASHING IN NORTH LOADING DOCK. RW INSIDE THE  
43 TANKFARM IS DISCHARGED TO STREET ONLY OR HAULED AWAY.  
44 INTEND SOME HYDRO-TESTING OF TANKS AND MAY ASK CSD TO  
45 ALLOW DISCHARGE, HAS GOTTEN CSD APPROVAL FOR THIS IN  
46 PAST. NOTHING UNUSUAL FOUND, CONTACT SAYS NO PROBLEMS.

1  
2 DATE: 05/22/1998 PERMIT NO: 004187 INSPECTOR: ROUNDS VISIT: 1  
3 CONTACT: RICK PHONE: 906-6218 SIC: WATER USE: 0  
4 NO. EMPLOYEES: 0 DAYS: SHIFTS: 2 TIME: 01:00 FLOW TYPE: I FLOW RATE: 5  
5 WASTE CODES: DHK VIOLATIONS: 000 000 000 000 000 CORRECTIONS: 000 000 000 000 000 MESSAGE: 103 000 000 000 00  
6 COMMENTS: CO MIXES & BLENDS MOTOR OILS, ETC. WASTEWATER IS GENER  
7 ATED FROM MOP WASHWATER AND BOILER BLOWDOWN. MIXING UN  
8 ITS ARE BERMED, AS WELL AS STORAGE TANKS. CO HAS NO CL  
9 ARIFIER, ONLY SAMPLE BOX. CO HAS A SECOND BLDG USED AS  
10 WAREHOUSE. CO ALSO HAS A COLLECTION AREA WHERE RAILCAR  
11 S ARE STATIONED, HOWEVER CONTACT SAYS THAT THIS IS DIS  
12 CHARGED TO STORM DRAIN. SAMPLED CO FOR HEAVY METALS. P  
13 H = 11. SJ55533

14  
15 DATE: 09/16/1996 PERMIT NO: 004187 INSPECTOR: BLACKMAN VISIT: 1  
16 CONTACT: SCOTT MEYERS PHONE: 906-6218 SIC: WATER USE: 0  
17 NO. EMPLOYEES: 0 DAYS: SHIFTS: 2 TIME: 01:00 FLOW TYPE: I FLOW RATE: 5  
18 WASTE CODES: DHK VIOLATIONS: 000 000 000 000 000 CORRECTIONS: 000 000 000 000 000 MESSAGE: 101 103 000 000 00  
19 COMMENTS: DISCUSS WITH CONTACT BRENT PERRYS ANSWER TO QUESTION C  
20 CONCERNING DISCHARGE OF MOP BUCKET WATER. SEE 9-13-96  
21 FOR PREVIOUS INSPECTIONS.

22  
23 DATE: 09/13/1996 PERMIT NO: 004187 INSPECTOR: BLACKMAN VISIT: 1  
24 CONTACT: SCOT MEYERS PHONE: 906-6218 SIC: WATER USE: 0  
25 NO. EMPLOYEES: 0 DAYS: SHIFTS: 2 TIME: 01:30 FLOW TYPE: I FLOW RATE: 2  
26 WASTE CODES: DHK VIOLATIONS: 000 000 000 000 000 CORRECTIONS: 000 000 000 000 000 MESSAGE: 101 103 000 000 00  
27 COMMENTS: DISCUSS WITH CONTACT REMEDIES AVAILABLE TO THE COMPANY  
28 CONCERNING DISCHARGE OF MOP BUCKET INTO CSD. TALKED  
29 TO BRENT PERRY(ENG) AND HE APPROVED THE DISCHARGE AS L  
30 ONG AS IT DOES NOT BECOME EXCESSIVE. COMPANY CONTACT  
31 TOLD THIS AND WILL BEGING DISCHARGE OF BUCKET AS OPPOS  
32 SED TO HAVING TO HAVE IT SHIPPED OFF SITE AS CALIFORNI  
33 A HAZARDOUS WASTER. THIS ALSO INCLUDES THE COMPRESSOR  
34 BLOWDOWN THAT ALSO HAS SOME OIL IN THE WATER.

35  
36 DATE: 09/11/1996 PERMIT NO: 004187 INSPECTOR: BLACKMAN VISIT: 1  
37 CONTACT: LOLA TIRNANNY PHONE: 906-6218 SIC: WATER USE: 0  
38 NO. EMPLOYEES: 0 DAYS: SHIFTS: 2 TIME: 00:30 FLOW TYPE: I FLOW RATE: 0  
39 WASTE CODES: DHK VIOLATIONS: 000 000 000 000 000 CORRECTIONS: 000 000 000 000 000 MESSAGE: 101 103 000 000 00  
40 COMMENTS: PER LINDA SHADLER'S REQUEST TO VERIFY CSD CATAOGORIZAT  
41 ION FOR FACILITY. COMPANY CONTACT - SCOT MEYERS IN A  
42 MEETING AND UNABLE TO SEE ME. CHECKED SAMPLEBOX PH =  
43 8.0. CONTACT ASKED INSPECTOR TO RETURN TO DISCUSS DIS  
44 CHARGE CHANGES THE COMPANY WISHES TO PERFORM

45  
46 DATE: 04/03/1995 PERMIT NO: 004187 INSPECTOR: BLASZCAK VISIT: 1  
47 CONTACT: BRIAN NICHOLS PHONE: SIC: WATER USE: 0  
48 NO. EMPLOYEES: 0 DAYS: SHIFTS: 2 TIME: 01:00 FLOW TYPE: I FLOW RATE: 0  
49 WASTE CODES: DHK VIOLATIONS: 000 000 000 000 000 CORRECTIONS: 000 000 000 000 000 MESSAGE: 103 000 000 000 00  
50 COMMENTS: COMPANY PLANS TO REQUEST 1 TIME DISCHARGE PERMIT OF TA  
51 NK INTEGRITY TEST H2O. ADVISED TO CONTACT KILGORE. COM  
52 PANY OFFICAL: SCOTT MEYERS #606-357-7884. ALSO PLAN TO  
53 INSTALL OIL REMOVAL SYSTEM FOR WASH WATER.

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2 DATE: 03/15/1994 PERMIT NO: 004187 INSPECTOR: BLASZCAK VISIT: 1  
3 CONTACT: MIKE MCGRORY PHONE: SIC: WATER USE: 0  
4 NO. EMPLOYEES: 0 DAYS: SHIFTS: 2 TIME: 01:00 FLOW TYPE: I FLOW RATE: 0  
5 WASTE CODES: D VIOLATIONS: 000 000 000 000 000 CORRECTIONS: 000 000 000 000 000 MESSAGE: 103 000 000 000 00  
6 COMMENTS: ROUTINE. NO CHANGES AT SITE NOTE. OUTSIDE SPILL CONT D  
7 F OILS OK- NO ACCESS TO SEWER. VALVE IS SPILL CONT FOR  
8 RELASES OF RAINWATER TO STORM DRAIN. CLAIM HAVE NPDES  
9 PRMT. WASTE MATERIAL HAULED TO CHEM TECH. MANIFEST.

10  
11 DATE: 03/05/1993 PERMIT NO: 004187 INSPECTOR: BLASZCAK VISIT: 1  
12 CONTACT: MIKE MCGRORY PHONE: 946-6621 SIC: 7399 WATER USE: 0  
13 NO. EMPLOYEES: 50 DAYS: 6 SHIFTS: 2 TIME: 01:00 FLOW TYPE: I FLOW RATE: 0  
14 WASTE CODES: DHK VIOLATIONS: 000 000 000 000 000 CORRECTIONS: 000 000 000 000 000 MESSAGE: 103 000 000 000 00  
15 COMMENTS: PRMT FOLLOW-UP FOUND COPY OF PERMIT & GAVE TO CONTACT  
16 PER REQUEST BOILER ONLY IW DISCHARGE NO RECEPTOR FO  
17 UND AS PER PERMIT DISCHARGE NOT SIGNIFICANT TO WARRANT  
18 T INSTALLATION

19  
20 DATE: 03/03/1993 PERMIT NO: 004187 INSPECTOR: BLASZCAK VISIT: 1  
21 CONTACT: BRIAN NICHOLS PHONE: 946-6621 SIC: 7399 WATER USE: 0  
22 NO. EMPLOYEES: 50 DAYS: 6 SHIFTS: 2 TIME: 01:00 FLOW TYPE: I FLOW RATE: 0  
23 WASTE CODES: DHK VIOLATIONS: 000 000 000 000 000 CORRECTIONS: 000 000 000 000 000 MESSAGE: 103 000 000 000 00  
24 COMMENTS: ROUTINE. ONLY IW NOTED FROM BOILER BLOW DOWN. AREA IN  
25 SEPARATE ROOM SEGREGATED FROM OIL FILLING. OUTSIDE TAN  
26 K FARM HAS NO DRAINS. WASTEWATER INSIDE SPILL CONT ARE  
27 A SEPARATE & TO BE SENT TO S/D PER CONTACT.

28  
29 DATE: 09/25/1992 PERMIT NO: 004187 INSPECTOR: SANCHEZ VISIT: 1  
30 CONTACT: JAIME PHONE: SIC: WATER USE: 0  
31 NO. EMPLOYEES: 0 DAYS: SHIFTS: 2 TIME: 01:15 FLOW TYPE: I FLOW RATE: 10  
32 WASTE CODES: VIOLATIONS: 000 000 000 000 000 CORRECTIONS: 000 000 000 000 000 MESSAGE: 103 000 000 000 00  
33 COMMENTS: ONE-TIME DISCHARGE OF CONTAMINATED RAINWATER COMPLETED  
34 WITHOUT INCIDENT

35  
36 DATE: 08/14/1992 PERMIT NO: 004187 INSPECTOR: HOEKSTRA VISIT: 1  
37 CONTACT: CAROL PHONE: SIC: WATER USE: 0  
38 NO. EMPLOYEES: 0 DAYS: SHIFTS: 2 TIME: 00:45 FLOW TYPE: C FLOW RATE: 2  
39 WASTE CODES: K VIOLATIONS: 000 000 000 000 000 CORRECTIONS: 000 000 000 000 000 MESSAGE: 101 000 000 000 00  
40 COMMENTS: 1900 HRS. BLENDING AND PACKAGING OF MOTOR OILS AND  
41 TRANSMISSION FLUID. ALONG WALL OF SOUTH BUILDING IN  
42 THE TANKFARM IS SAMPLE BOX WITH 2 GPM CLEAR FLOWING  
43 INTO IT. NO CLARIFIER. MAY PUMP OILY WW INTO SHPLBOX ?

44  
45 DATE: 06/23/1992 PERMIT NO: 004187 INSPECTOR: SANCHEZ VISIT: 1  
46 CONTACT: LESLEY REED PHONE: SIC: WATER USE: 0  
47 NO. EMPLOYEES: 0 DAYS: SHIFTS: 1 TIME: 01:00 FLOW TYPE: I FLOW RATE: 5  
48 WASTE CODES: VIOLATIONS: 000 000 000 000 000 CORRECTIONS: 000 000 000 000 000 MESSAGE: 103 000 000 000 00  
49 COMMENTS: BOILER BLOW DOWN TO SEWER, OTHER WW, INCLUDING FLOOR WDP  
50 -WATER, HAULED BY SPCI. FLOW TO LCWRP THUS NTO EXEMPT.  
51 RAINWATER IMPOUNDED, TESTED, DISCH. TO STORM DRAIN.

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INDUSTRIAL WASTE INSPECTION SUMMARY

REPORT NO. IWI040

DATE: 03/13/2006

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1  
2 DATE: 06/10/1976 PERMIT NO: 004187 INSPECTOR: MITCHELL VISIT: 1  
3 CONTACT: PHONE: SIC: 2840 WATER USE: 0  
4 NO. EMPLOYEES: 40 DAYS: 5 SHIFTS: 2 TIME: 00:00 FLOW TYPE: I FLOW RATE: 5  
5 WASTE CODES: DHK VIOLATIONS: 000 000 000 000 000 CORRECTIONS: 099 000 000 000 000 MESSAGE: 000 000 000 000 000  
6  
7 DATE: 08/27/1975 PERMIT NO: 004187 INSPECTOR: JENSEN VISIT: 1  
8 CONTACT: PHONE: SIC: 2999 WATER USE: 0  
9 NO. EMPLOYEES: 32 DAYS: 5 SHIFTS: 1 TIME: 00:00 FLOW TYPE: I FLOW RATE: 5  
10 WASTE CODES: VIOLATIONS: 020 000 000 000 000 CORRECTIONS: 000 000 000 000 000 MESSAGE: 000 000 000 000 000  
11  
12 DATE: 08/26/1975 PERMIT NO: 000000 INSPECTOR: JENSEN VISIT: 1  
13 CONTACT: PHONE: SIC: 2999 WATER USE: 0  
14 NO. EMPLOYEES: 32 DAYS: 5 SHIFTS: 1 TIME: 00:00 FLOW TYPE: J FLOW RATE: 0  
15 WASTE CODES: VIOLATIONS: 020 000 000 000 000 CORRECTIONS: 000 000 000 000 000 MESSAGE: 000 000 000 000 000  
16  
17 DATE: 08/16/1975 PERMIT NO: 000000 INSPECTOR: JENSEN VISIT: 1  
18 CONTACT: PHONE: SIC: 2999 WATER USE: 0  
19 NO. EMPLOYEES: 32 DAYS: 5 SHIFTS: 1 TIME: 00:00 FLOW TYPE: I FLOW RATE: 5  
20 WASTE CODES: VIOLATIONS: 020 005 000 000 000 CORRECTIONS: 000 000 000 000 000 MESSAGE: 000 000 000 000 000  
21  
22 DATE: 01/29/1973 PERMIT NO: 000000 INSPECTOR: SETCHELL VISIT: 1  
23 CONTACT: PHONE: SIC: 8062 WATER USE: 0  
24 NO. EMPLOYEES: 11 DAYS: 5 SHIFTS: 1 TIME: 00:00 FLOW TYPE: J FLOW RATE: 0  
25 WASTE CODES: VIOLATIONS: 000 000 000 000 000 CORRECTIONS: 099 000 000 000 000 MESSAGE: 000 000 000 000 000  
26  
27 DATE: 06/12/1970 PERMIT NO: 000000 INSPECTOR: CHANDLER VISIT: 1  
28 CONTACT: PHONE: SIC: 2900 WATER USE: 0  
29 NO. EMPLOYEES: 47 DAYS: 5 SHIFTS: 1 TIME: 00:00 FLOW TYPE: I FLOW RATE: 5  
30 WASTE CODES: DH VIOLATIONS: 000 000 000 000 000 CORRECTIONS: 099 000 000 000 000 MESSAGE: 000 000 000 000 000  
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35 TOTAL NO. OF INSPECTIONS = 23  
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